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scientific knowledge, policies, or practices.

62.39
1856

The Delicious
Squash
1903

9# New 6-
1906

Victor
Squash
1897

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Washington, D. C.

JAMES J. H. GREGORY and SON,

VEGETABLE and FLOWER SEED CATALOGUE

In this, our semi-centennial year, we greet the hundreds of thousands of our customers, dwellers in thousands of the cities, towns, villages and hamlets of our vast country (God bless her!) with our triumphal arch, built as it is from selections from the hosts of choice vegetables which during these years we were the first to catalogue and thus bring to their tables

EARLY CARMINE DWARF H. BEAN
1888
ALL SEASON'S CABBAGE
1886
CORY CORN
1885
DEEP HEAD CABBAGE
1884

MARBLEHEAD EARLY CORN
1883
MARBLEHEAD EARLY HORT. BEAN
1882
DANISH D. CABBAGE
1881
LONGFELLOW CORN
1877

BURBANK POTATO
1876
BUTMAN SQUASH
1875
MARBLEHEAD SQUASH
1873
EXCELSIOR POTATO
1869

MEXICAN SWEET CORN
1867
MARBLEHEAD MAMMOTH CORN
1865
STONE MASON CABBAGE
1862
HUBBARD SQUASH
1856

Work on
Fertilizers
Work on
Onion Raising

FREE FOR ALL
Marblehead, Mass.

GIBSON PUMPKIN
1889
WARREN SQUASH
1890
DELAWARE POTATO
1888
GREGORY'S HARD
HEADING CABBAGE
1888
MARBLEHEAD MAMMOTH
CABBAGE LETTUCE
1886

MILLERS CREAM MELON
1884
EARLY MAINE POTATO
1884
ECLIPSE BEET
1880
KENTUCKY WONDER BEAN
1877

EARLY OHIO POTATO
1876
CANADA VICTOR TOMATO
1873
COCOANUT SQUASH
1869
SIL'S HYBRID MELON
1877

PHINNEY'S MELON
1868
DANVERS RED ONION
1866
CRACKER ONION
1865
MARBLEHEAD MAMMOTH CABBAGE
1861

Work on Squash.
Work on Cabbage.
Work on
Carrots
and Mangolds.

BOOKS FOR FARMERS AND OTHERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, Etc., By James J. H. Gregory, Marblehead, Mass.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of Fertilizers, to publish our lectures. To oblige our many friends who have made this request, and as a help to many of our customers who are seeking help along this dark and difficult road, we have done so. In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of the fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cents.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for \$1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING. What kinds to Raise, and the Way to Raise Them. By J. J. H. GREGORY, Marblehead, Mass.

This work, which we issued in 1865, has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed, Potato Onions, Onion Sets, Top Onions, Shallots, and Rarierpes, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seeds,—beginning with the selecting of the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject. Illustrated with thirteen engravings of Onions, Sowing Machines and Weeding Machines.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains several illustrations, including a section of our squash house, with full directions

for erecting one. In plan and thoroughness it is similar to our Onion treatise; *very minute and thorough*. Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing, and marketing of the crops; giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatise on the theory that what the public want is *minuteness and thoroughness of detail*. The present edition is up to date.

CABBAGES, AND CAULIFLOWERS—HOW TO RAISE THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with the selecting the ground, and carries the reader along step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities. The present edition has additions and improvements.

CARROTS, MANGOLD-WURTZELS, AND SUGAR BEETS: What kinds to Raise, How to Grow Them, and How to Feed Them. By J. J. H. GREGORY, Marblehead, Mass.

The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold-wurtzel, has led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book.

We offer the following list of works, all by authors of high repute, any of which will be sent postpaid to any address in the United States, Canada, or British Provinces, on receipt of price. On many of the books named below prices have been reduced.

Alfalfa, by F. D. Coburn. Its growth, uses and feeding value.....	\$0.50	Mushrooms. How to Grow Them.....	\$1.00
American Fruit Culturist. Thomas. (New.) This contains cultural directions for all fruit adapted to the United States. With nearly eight hundred engravings.....	2.50	Oemler's Truck Farming for the South. (New.).....	1.00
Asparagus Culture. Its culture for home use and for market.....	.50	Our Farm of Four Acres and the Money We Made on It....(Paper.)	.30
Dreer's Vegetables Under Glass. A practical treatise upon a timely subject.....	.25	Pictorial Greenhouse Management. (New.) A practical manual giving directions for the general management of greenhouses	.75
Fences, Gates and Bridges. (New.) How to build them. Over 100 engravings.....	.50	Poultry Book. This covers the whole ground..Paper 25 cts.; cloth	.50
First Book of Farming. 63 full page illustrations. How to conduct a farm with least expense.....	1.10	Practical Fruit Grower. By Maynard. Valuable both to the amateur and large grower.....	.50
Flowers. How to grow them. A splendid book for beginners. By Eben Rexford.....	.50	Practical Floriculture. By P. Henderson.....	1.50
Fruit, harvesting, storing and marketing.....	1.00	Quinby's New Bee Keeping.....	1.00
Forage Crops other than Grasses. (New.) How to cultivate, manage and use them. This work is practical from beginning to end.....	1.00	Rawson's Celery and its Cultivation.....	.25
Fuller's Grape Culturist.....	1.50	Silos, Ensilage and Silage. A practical treatise. By Manley Miles	.50
Fuller's Small Fruit Culturist.....	1.00	Spraying Crops. Why, when and how. (New.) As the title indicates, this little book will be appreciated by fruit growers and farmers.....	.50
Fuller's Strawberry Culturist.....	.25	Sweet Potato Culture.....	.50
Harris on the Pig. By Joseph Harris.....	1.00	The New Rhubarb Culture. By Morse and Fiske. A complete guide to dark forcing and field culture.....	.50
Hemp. (New.) A practical treatise on the culture of hemp for seed and fiber. With a history of the hemp plant.....	.50	The New Egg Farm. Stoddard. (New Edition.).....	1.00
Henderson's Gardening for pleasure.....	1.50	The New Onion Culture. Greiner.....	.50
Henderson's Gardening for Profit.....	1.50	The Farm Blacksmith. A grand book for beginners.....(Paper)	.50
Home Pork Making. Every step in the business.....(Cloth)	.50	.....(Cloth)	1.00
How to Handle and Educate a Vicious Horse. By Gleason the famous horse trainer.....	.50	The Horse: How to buy and sell.....	1.00
Keeping One Cow.....	1.00	The Forcing Book (new) by Prof. L. H. Bailey. A manual of the cultivation of Vegetables in glass houses.....	1.00
		Tobacco Culture.....	.25
		Vacant Government Land. How to get a farm free.....	.25
		Vegetable Gardening. A first-class work.....Paper 50 cts.; cloth	1.00
		Webb's Cape Cod Cranberries. By a Cape Cod Man.....	.40

JAMES J. H. GREGORY & SON, MARBLEHEAD, MASS.

(CONNECTED BY TELEPHONE.)

OUR ARCH OF TRIUMPH!

It was a habit among the Romans of old, to erect mighty arches (some of which are standing to this day) to commemorate the deeds of their great warriors. We have built our arch, moved, we trust, by loftier motives, in commemoration of the fact, that through the long course of half a century of business, we have originated, or have been the means of bringing out from their local hiding places and distributing among the millions of homes in our broad land, vegetables of such great merit that every table has welcomed them as valuable additions to the enjoyment and nourishment afforded by their daily food. We have thus endeavored to do our part to enable Agriculture and Horticulture to hold their places in the grand march of civilization. With us it has been more than a mere striving after money making; it has been a labor of love, inherited from a father who, amid the thousand calls of a varied business, spent his happiest hours amid the experimental horticulture of his well-beloved garden. Though I am still in good health, and with an undiminished interest in everything that grows, my son Edgar, a graduate from the Massachusetts Agricultural College, and one who, beginning at the foot of the ladder, has honestly and bravely worked his way upward, will for the future, as he has in the recent past, be my right hand in both the raising of the seed during the growing season, and in the seed house during the seed selling season.

When I began the mail business there were but three of us in it to any extent, viz.: B. K. Bliss, James Vick and myself; Peter Henderson coming in, I believe, a little later. When Mr. Bliss retired, I for awhile probably did the largest mail order business in the United States. Those were the days when the West sent her mail orders East. The more than twelve hundred seed dealers now in the United States, many of whom are more or less in the mail order business, attest to a great change.

In the course of my long history it is but natural that I should meet with some interesting experiences. In about the year 1874, J. C. Vaughan, now one of the largest and most enterprising seedsmen of the West, made me the proposition, that if I would give him the trade of Cook County, Ill., (where Chicago is located,) he would purchase all the seed he sold from me. I assented so far, that I agreed to sell to no other agent. For several years this arrangement continued, until ultimately Mr. Vaughan set up business for himself, and has achieved grand success, though billion-dollar potatoes nor grain that yields sundry hundreds of bushels to the acre have not to date made their way into his catalogue. Some years later a young man, Luther Burbank by name, then living at Lunenburg, Mass., (where, when young from college, I taught the academy for two years,) was introduced to me by my old friend Major Brown, as one who wanted to raise \$150 to carry him to California; he had a new seedling potato with which he hoped to raise that amount. I purchased it, and believing that the one most deserving the name of a new vegetable was its originator, gave it the name "Burbank." For years in the east this was the most extensively raised variety for the spring market, and it was also raised in England more extensively than any other American variety. What Luther Burbank has since become, the most eminent of all men in his line of work, is too generally known to need more than to be mentioned.

On three different seasons I had the pleasure of standing between thousands of brother farmers in drought-stricken Kansas, Texas and Nebraska and actual suffering. I sent them, a free gift, varieties of seed that would give table food earlier than their standard crops and thus helped tide them and their little ones over their sorest pinch. These gifts were of tons of seed. During one season I personally spent about all my time in putting up over two tons in small parcels for sufferers in Nebraska.

Well, my long-time friends, I have about used up an old man's license towards verbosity, and will close this, my semi-centennial greeting to the tens of thousands of customers whom I claim the right to call my friends, with a farewell till we meet face to face in that land where will gather all the members of the church universal, bear they the name either of Catholic or Protestant in their hundred subdivisions, who, while on earth, honestly strove to obey our Saviour's injunction, to do the will of the loving Father of us all.

J. J. H. GREGORY.

To our Patrons:—Please note, that while seed by mail are sent postage paid by us, those by freight or express are paid for by the purchaser, while we charge eight cents less per pound. If not by mail, please indicate whether by freight or express. With the exception of onion seed, beans and spinach, the seed crops of the past season were about at the average.

Free Seeds.—With average orders for years we have practised dropping in an extra package of some nice variety, very likely a novelty, which we would be pleased to have our customers test and report on.

Testing Seed.—Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seeds are made every season, and thousands of dollars' worth thrown away, all of which is more or less good, but not up to the standard for honest seed.

Orders promptly filled as soon as received, or will be promptly acknowledged by postal card, should there, for any reason, be a delay of a day or so in their filling.

All roots, bulbs, etc., intended for seed purposes, are selected with the utmost care.

The Three Warrants.—All seeds sent out from our establishment are always sold under our three warrants: viz, 1st. That our seed shall be what it purports to be: so far as that we hold ourselves ready to refill the order anew, or to send other seed to the same amount, gratis, should it prove defective in any respect. What is there to gain by selling poor seed after having made this warrant? 2d. That all money sent for seeds over one dollar shall reach us if sent by Post-office order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's Check. Sums of one dollar and under may be sent at our risk. 3d. That the seed ordered shall reach every one of our customers. Thus we warrant everything but the crop.

Payment for Seed.—Cash (as above) to accompany all orders. Be sure not to moisten postage stamps: the higher denominations but not above fifteen cents in value, preferred. Do not send special delivery stamps. Money orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Always send stamps instead of specie. We would advise our customers not to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges.

All packages, Ounces, Quarter Pounds, Pints and Quarts ordered at mail prices named will be mailed by us postpaid. With the exception of orders received from Canada and the British Provinces on which we ask our customers to remit one cent for every two ounces ordered which is just half what the postage costs us. Where quarts or pounds are ordered to be sent either by freight or express, as our tables show, we make a deduction. Pecks, bushels and larger lots we deliver to express or railroad offices free of charge, leaving the charges per express or railroad to be paid by the purchaser.

We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that company has an agency. They will advance us the cost of all goods up to \$5, and collect it of you. For bills over \$5 an Express Money Order can be sent with order for goods.

Reduced Express Rates. By special arrangement with all the express lines in the United States and Canada, in the traffic agreement, seeds and plants are now carried at the reduced rate of 20 per cent less than merchandise rates, when payment is guaranteed by us. Our customers will find these reduced express rates almost as cheap as freight on small quantities.

We can now bill goods per B. & M. R. R. at one rate from Marblehead to about all points in New England.

BE CAREFUL TO WRITE YOUR ADDRESS IN FULL, GIVING YOUR NAME, POST-OFFICE, COUNTY AND STATE. Who belongs to the no-name series? For two months of a single year's seed season we averaged three letters daily without signatures. A word to the wise is sufficient.

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy briefly to report results, when desired to do so.

DISCOUNTS.

To all market gardeners, those whose orders amount to ten dollars or more, we make special rates which are published in a circular which will be sent on application. Discounts on retail orders will be made as follows:

5 per cent on all orders for seed amounting to \$5.00 and upwards

10	"	"	"	"	"	"	"	\$10.00	"
12	"	"	"	"	"	"	"	\$25.00	"

No discount allowed on beans and peas by the bushel, grass seed, potatoes, onion seed, onion-sets or implements.

On packages of vegetables customers sending \$1.00 may select seed to the value of \$1.25.

"	"	"	"	"	2.00	"	"	"	2.60.
"	"	"	"	"	3.00	"	"	"	3.75.
"	"	"	"	"	4.00	"	"	"	5.00.

These discounts do not apply to collections of vegetable or flower seeds; for these see pages 38 and 63.

We invite comparison between our prices and those of any first-class seedman, with the exception of some varieties of onion seed which are New England grown, of which for years we have made a specialty.

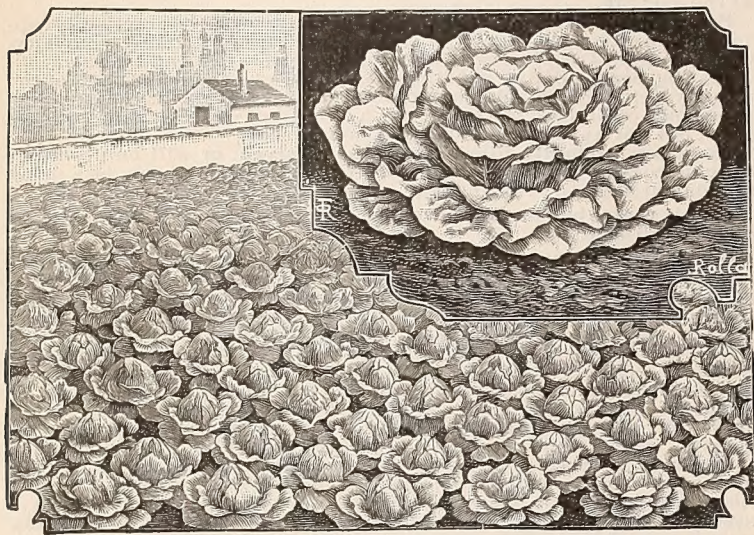
For special rates on Onion Seeds in quantity see page..... 24
" " Collections of Vegetable Seeds see page... 38
" " Flower Seeds see page..... 63

We challenge competition (with first-class seedmen) in pricing large orders.

Terms to dealers, clubs, grangers and large market gardeners given on application.

JAMES J. H. GREGORY & SON'S NOVELTIES IN VEGETABLE SEEDS for 1906.

For nearly forty years our experimental grounds have been one of the most interesting portions of our farm. We follow the development of the varieties, note book in hand, several times during the growing season. We find but a fraction of what is grown there worthy of cataloguing, and what we do present to our customers can be relied on to be worthy of cultivation as far as personal experience under the conditions we can control can determine.



Winter Beauty Lettuce.

Winter Beauty Cabbage Lettuce.

This new German variety of Lettuce is recommended not only for its large and firm heart, but above all, for its hardiness, which is more pronounced than that of all the other varieties in this group. This quality extends not only to its culture in the open, but also in frames by its resistance to rust.

But the most important, perhaps, of all its qualities is that, having scarcely any outside leaves, it can be planted very close.

Its color is green tinted rose, and it does not readily run to seed. These advantages have made this variety popular among market gardeners. Price, per oz., 45 cts.; per pkg., 15 cts.

Mammoth Black-Seeded Butter Lettuce.

Experienced market gardeners find this variety the best one to plant late in February, because it stands frost better than other sorts without turning yellow. It is a strain of the black seeded but makes a larger lettuce. A great favorite for sowing in the fall and winter. Price, postpaid, per pkg., 10 cts.; per oz., 20 cts.; per 1=4 lb., 60 cts.; per lb., \$2.00.

Giant Dolichos Bean.

This is one of those wonderfully long beans, of the yard-long class, which are sometimes seen at our agricultural fairs. It is decidedly more than a mere curiosity for it is an excellent snap bean, and besides this, is among the earliest of pole beans. The long pods, as they hang down in clusters outside the vines, are very showy and attractive. This bean is perfectly hardy and can be successfully raised wherever beans will grow. The pods make a very delicate snap bean, pleasing to the taste, suggesting the flavor of asparagus.

Price, per pkg., 10 cts.

A Melon for Profit—The Chilian.

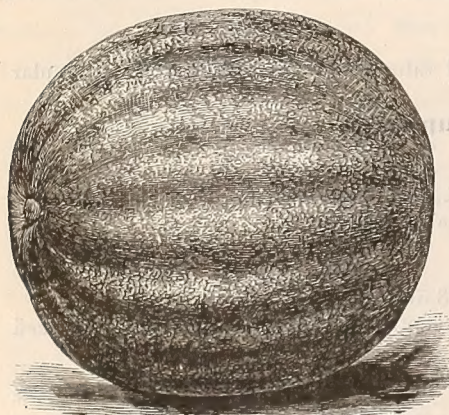
This new melon has taken the markets of California by storm; scarcely any other variety is now salable there. It is a very attractive melon, being nearly round, with a dark green rind with black stripes extending from end to end. The flesh is bright red, solid, sweet and melting, leaving no pulp in the mouth. The rind is never more than one-quarter of an inch thick, but very strong, making it one of the very best shippers.

"Originally the Chilian melon with black seed, red seed and white seed were grown in the same field, and there seemed to be no difference in the appearance or flavor, but we have carefully excluded everything but the large white seed; now a black or red seeded Chilian being seldom seen."

"It is the melon for profit to the grower, the shipper and to the dealer and is the most delicious of all to the consumer. Where the Chilian is once introduced no other melon receives any consideration."

This is what the Chilian is in California. Should it do but half as well with us in the East it will be a great acquisition. Certainly it is worth testing.

Price, postpaid, per pkg., 15 cts.; per oz., 25 cts.; per 1=4 lb., 75 cts.; per lb., \$2.50.



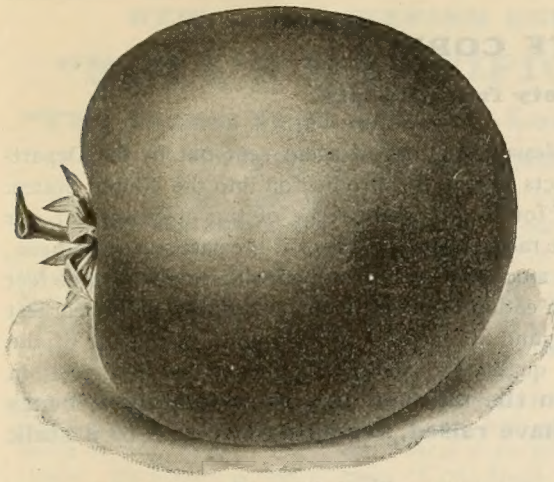
Chilian Melon.



Giant Dolichos Bean.

LIVINGSTON NEW GLOBE TOMATO.

Mr. Livingston is about as prominent in the matter of introducing new varieties of tomato as we have been in introducing new varieties of squash. He has now come forward with a variety which he names "The Globe," and has this to say about it: that after seven or eight years of careful selection, aiming at a shape distinctively different from other varieties, but combining all their good qualities, he now presents to the public a new tomato which he has named "The Globe," an extra good, all round sort, of a distinct globe shape, with quite a percentage of elongated fruit. A very beautiful variety. In ripening he ranks it among his first earlies. "Fruit of good marketable size, always smooth, with firm flesh and has few seeds. Color a fine glossy



Livingston New Globe Tomato.

rose. A fine keeper. It has a delicate flavor, being mild and pleasant to the taste. Excellent for greenhouse growing or raising on stakes or trellises. Every grower will find it to be a new variety, not one to which we have given a new name." Mr. Fred Windmiller, of Ohio, a prominent market gardener, says: "Without exception it is the best tomato to eat from hand or sliced of any that has come to my notice." Mr. L. C. Smith, who is an extensive grower of twenty years' experience, says: "You have a new, distinct and good thing, likely to become popular." Price, postpaid, per pkt., 10 cts.; per oz., 35 cts.; per 1=4 lb., \$1.20.

THE AVERY CABBAGE.

Our friend, Mr. Asa Lee, of Beverly, invited us to see a field of his cabbage of this variety. We found it well worth the seeing. There were between one and two acres of splendidly thrifty cabbage just about ready to market, with not a failure to be found. The heads were large, all about the same size, nine inches across, intermediate in form between flat and round. The Avery is of the stone-mason type but entirely free from any disease. It is a grand cabbage, one very popular among the market gardeners in the vicinity where it originated, who are naturally thoroughly acquainted with it. Price, postpaid, per pkt., 10 cts.; per oz., 30 cts.; 1=4 lb., \$1.00; 1 lb., \$3.00.

THE NEW SWEDISH OAT.

Washington, No. 9422.

Professor Carleton, of the United States Department of Agriculture, ranks this new oat at the head of the oat kingdom. Professor Moore believes it to be the heaviest, thinnest huller, stiffest strawed and the best all round oat out of 36 varieties with which it was tested. It weighs from 35 to 40 lbs. per bushel. Under rather unfavorable circumstances they have yielded 81 1/2 bushels to the acre, weighing 37 1/2 lbs. per bushel. A field of two acres yielded 227 bushels. The straw grows from four to five feet tall and many of the heads are from 8 to 11 1/2 inches long. They do not rust, stand up well, and the plump meats of the grain make them one of the best of all varieties for use as a table cereal. One grower got double the yield he had from the Michigan Wonder, and another 20 bushels more than from the well-known Lincoln. Reports of the crops raised in 1904 were from 80

to 115 bushels per acre. One grower reports that they are about a week earlier than common sorts; that they stand up well and do not rust. This yield of full 20 bushels to the acre above the common sorts is where the profit lies. Probably for the next few years they will mostly be raised for seed, but few being fed. Price at 32 lbs. per bushel (standard weight), peck, 75 cts.; bushel, \$1.25; 2 bushels, \$2.20; 10 bushels, \$10.

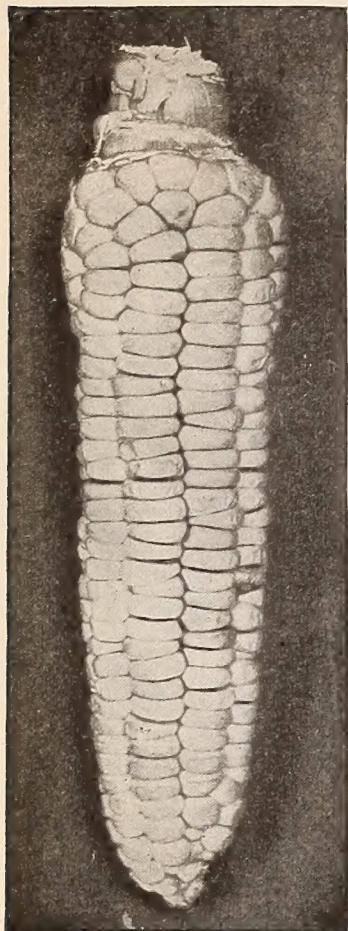
Mr. James L. Cole writes: "The 2 1/2 bushels grew me 211 bushels, weighing 36 lbs. per bushel."



The Avery Cabbage.



The New Swedish Oat.

**Malakoff Corn****MALAKOFF CORN.****A New Early Variety from Russia.**

This variety was brought to this country by Professor Hansen, an agent sent out by the Department of Agriculture in search of new vegetable products worthy of introduction into the United States. This new early sweet corn has been highly spoken of for family use by some of the professors of our Agricultural College who have had it under trial. We raised about an acre of it the past season and can, therefore, speak of it from personal experience. The stocks are very dwarf, growing to about three feet in height yet full of lusty health. The earliest it is in eating condition is about the time of the earliest strain of Cory. The ears are about five inches long and fill out well to their tips. The color of the kernel is from purest white to a shade of amber. In quality the Malakoff is tender and very sweet, in the latter characteristic surpassing the Cory. **In the number of ears on a stalk it beats any variety of sweet corn we remember to have raised, averaging two ears to a stalk while some stalks bear three and four.**

Perhaps a little too small for the market, yet we shall do wisely to welcome the Russian stranger into our home gardens.

Price, postpaid, per pkg., 15 cts.; per pt., 30 cts.; per qt., 50 cts.; per qt., express, 38 cts.

**EARLY SHORT TOP
CARROT.**

This is about the neatest, nicest family carrot we have ever raised in our experimental ground. The half-tone engraving is a photograph of three grown in our garden. Note the perfect symmetry of the roots and the delicate fineness of the tops. It is of the attractive stump rooted class, but while in the Danvers, Guerande and others we frequently find exceptions, sports which insist on presenting themselves, notwithstanding our utmost care in selection of seed

stock, the Early Short Top is just about invariably stump rooted. It is not a carrot to raise for stock feeding or for selling by the bushel, its sphere being a bunch carrot and for that and general family use it is unequalled. Color a rich orange and quality excellent.

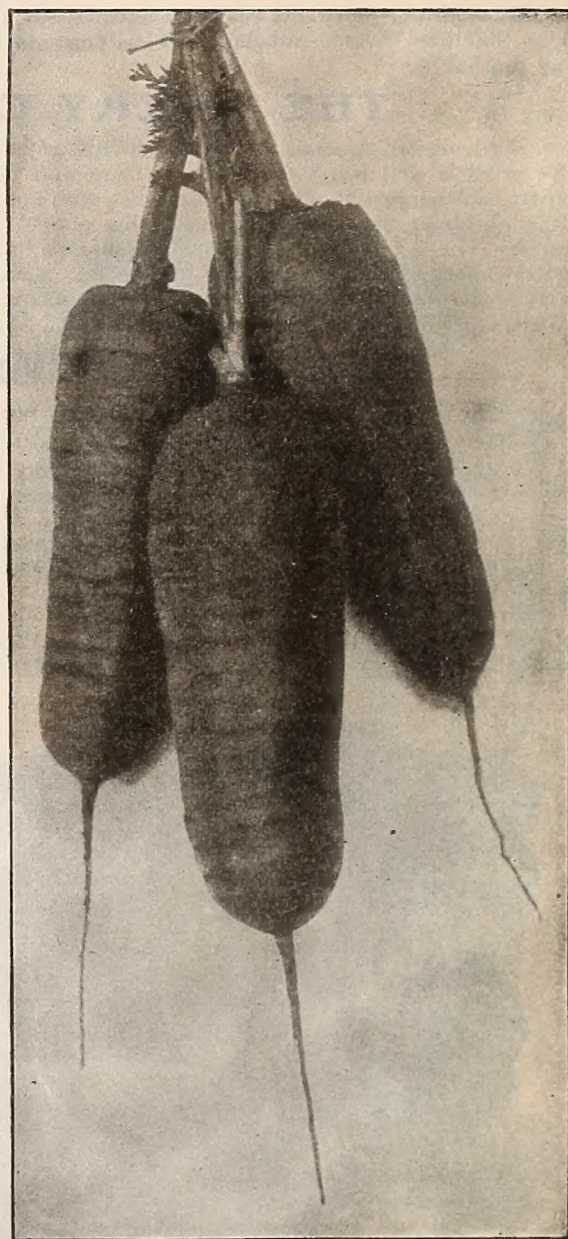
Price, postpaid, per pkg., 10 cts.; per oz., 15 cts.; per 1 $\frac{1}{4}$ lb., 50 cts.; per lb., \$1.40.

**THE NEW STRAWBERRY.
"THE MINUTE MAN."**

This new Strawberry originated in Concord, Mass., and therefore very appropriately bears the name it has of that splendid statue of the Minute Man of the Revolution who keeps his eternal watch at the bridge where he gave his life blood to his country. Mr. Wheeler, whose father discovered the original plant, writes us:

"It was a chance seedling which came up in an old onion bed where previously Belmont and Jewell had grown. In habit the plant is a very strong, rank grower, making an abundance of fine stocky plants which root deeply in the soil. I find that I get much better and more fruit where I do not thin the plants at all; it needs to grow very thick and then I always get a very fine crop. I always try to impress this fact on a person who wishes to set Minute Man, that he must let them grow thick. The berry is perfect in form, by which I mean there are no ridges or creases in it. The color is a beautiful glossy crimson having the appearance of being varnished; this color is the only one which will not fade. I have seen fruit which was picked four days hold the color most perfectly. The fruit itself is as good quality as the Bubach, Sample or Brandywine, and as firm as any of these. For a market berry it has no equal with me and I can recommend it to any one for this purpose. I have picked 30 quarts an hour from the Minute Man. It has been exhibited at the Mass. Hort. Society and taken several prizes. In all, I believe there are over 25 prizes that my father and I have taken with it. At the Rhode Island State Show it took first prize two years in succession for the best variety, this in competition with about 20 others."

Price, per doz., postpaid, 50 cts.; per 100, \$2.00; 100 by express, \$1.80.

**Early Short Top Carrot.**

NEW LONG-KEEPING CELERY.**"NOLL'S MAGNIFICENT."****"The Finest Type of Late, Long-Keeping Celery Ever Offered."**

This is what Mr. Noll declares of his new Celery and when he quotes the well known firm of Vilmorin as stating that it was a very fine type of celery and the most even crop they ever raised in their long experience, all you who know the great reputation of the Messrs. Vilmorin & Co., must concede that his great claims for his "Magnificent" has a very strong backing. It is a late celery of the finest quality, very full hearted, solid, crisp, and when bleached, of a golden yellow color, in this more like the golden self-blanching than any of the green celeries in the market, most of which appear to be deteriorating, throwing up outside stalks with very little heart and much of them pithy. The Giant Pascal is no comparison with this strain. Its history is that of many of our finest vegetable products, carefully selected and improved upon from year to year with utmost care by a market gardener of rare standing in his calling, circumstances finally have made it accessible to the public.

Price, per pkt., 15 cts.; per oz., 75 cts.; per 1=4 lb., \$2.25; per lb., \$8.00.

THE LONGFELLOW BUSH BEAN.**(Green Podded.)**

Early. A good cropper and tender in its early stages as a snap bean. The pods are thick, round and fleshy, in this respect much like the Valentine, but differs in the pod being straight and decidedly longer, some of them attaining to the length of over six inches. The pods retain their delicate green color after being cooked. This bean ranks among the earliest; vines stout and healthy.

Price, per pkt., 10 cts.; per pt., 25 cts.; per qt., 50 cts., by mail, postpaid; per express or freight, per qt., 35 cts.

PEEP O'DAY CORN.

The original introducer claims that this is two weeks earlier than any other sort and one of the sweetest of all the early sweet corn. We find it to be one of the low growing varieties, making stalks about the same height as the Cory. This will admit of closer planting both in the distance between the rows and in the rows. Three feet between the rows will be ample and six inches apart in the hills will give proportionately as much distance as ten would for the larger sorts. Compared with the earliest strains of the Cory we should rank them equal in earliness.

Price, per pkt., 10 cts.; per pt., postpaid, 25 cts.; per qt., 40 cts.; per qt., per express, 28 cts.; per pk., per express, \$1.40.

THREE GREAT FRIENDS TO THE FARMER.**DISPARENE, NITRO-CULTURE (See Inset), THE ELECTRIC LIGHT.**

"DISPARENE," a preparation of arsenate of lead, is a most concentrated form of arsenical poison, in the form of a heavy, dense paste, which, though not soluble, yet mixes well with water. It has several great advantages over every other insect destroyer which has arsenic in its composition in that it never burns even the most delicate foliage, that it does not require constant stirring, but remains easily suspended in the water, and it so sticks to the leaves that one thorough application may prove to be sufficient for the whole season, no matter how frequently it may rain, while Paris Green, London Purple and Hellebore wash off with the first shower, as all of us farmers have known time and again to our woful experience. A spraying in May has been known to prove effective against the fall web worm. The only necessity for spraying more than once when the work has been thoroughly done is where new foliage is formed, as in the case of potatoes or young trees. We have all had at times our potato vines burned when using Paris Green, sometimes badly, but "DISPARENE" is so reliable it can be safely used even on the most delicate shrubs and flowers. It has passed far beyond the experimental stage and is now used in some establishments by the ton in protecting trees from the destructive elm beetle, the tussock moth, gypsy moth, brown tail and

codling moths and canker worms; in vineyards to destroy the rose bug and grape root worm; in the cranberry bogs to destroy the span worm and grasshoppers; in the greenhouse to destroy the rose leaf roller and on the farm and in the garden to kill potato bugs, squash bugs and cucumber beetles. In short, brother farmers, it is just what all our orchards and fields of vegetables are crying for—something that will stick to its business rain or shine and defend our crops from the myriads of insect enemies that attack us from every quarter. We all have orchards, so that the experience of Dr. Chamberlain, which we give below, is a gold mine of facts for us. Think of it! out of 1700 baskets sold for cold storage less than one basket was rejected for any cause! and the solution of the wonder was simply a wise use of Bordeaux Mixture and "DISPARENE." There is not a shadow of a reason why we cannot do just as well with our apples and we know of one man who will profit by the doctor's example. "DISPARENE" cannot be sent by mail. It is put up in tightly sealed cans and kegs and sold at the following rates. Full directions for use accompany each package. "DISPARENE" is most heartily endorsed by professors of our leading agricultural colleges and by scores of farmers who have tested its merits.

Price, 2=lb. cans, 50 cts.; 5=lb. cans, \$1.00; 10=lb. cans, \$1.80; 25=lb. cans, \$4.25; 100=lb. keg, \$15.00.

Most Effective Poison.

Dr. H. T. Fernald, Associate Entomologist, of the Massachusetts Hatch Experiment Station, writes: "I have used 'DISPARENE' myself and have carefully studied its effect when applied by others, and am entirely satisfied with the results. I believe that where it is impossible or impracticable to flow cranberry bogs, this will prove to be the most effective poison available for the control of cranberry insects."

From the Experiment Farm of the "Ohio Farmer."

Dr. W. I. Chamberlain, formerly Secretary of the Ohio Board of Agriculture, writes: "For two years I have used 'DISPARENE' on my orchard with excellent success. It sticks on the leaves and fruit a long time and kills the second brood of codling moth worms. I spray with Bordeaux mixture with 3 lbs. of 'DISPARENE' added to 50 gallons, as soon as the apples are formed, repeating ten days later, making a third spraying with the same materials when the apples are an inch in diameter."

"Since I have begun to use 'DISPARENE' I have conquered the second or late brood of the codling moth as never before. It costs more than Paris Green alone, but pays better. In 1901 I used 'DISPARENE' on my orchard of ten acres, and not one in a hundred of the apples was wormy at picking time. I sold the crop on the trees in bulk to R. A. Hunt, Euclid, Ohio, for cold storage. On handling the first car, picking up into one-half bushel baskets for cold storage, he wrote me that less than one basket out of 1700 was rejected for any cause, and that it was the most perfect car lot he ever handled, as far as relates to worms and scab. The apples in 1901 were as free from both, as the result of continued treatment of Bordeaux mixture and 'DISPARENE.'"



Mr. Baldwin's Apples, Sprayed and Unsprayed.

G. A. Baldwin, Newburg, Ohio, was induced to spray a part of his trees with "DISPARENE" as an experiment. As a result, up to Oct. 16th, he had sold from the sprayed trees \$61.25 worth of apples; from the same number of unsprayed trees, \$4.47.

A Sure Remedy for Elm-Leaf Beetle.

Mr. Theodore Wirth, Superintendent of Parks, Hartford, Conn., writes: "We have used 'DISPARENE' for the last two years against the elm beetle, and have been successful with the same. It is easily prepared, adheres to the foliage after once drying on, and does deadly work among the insects."

Good Results on Potatoes.

Mr. Allen Reid of Daviess Co., Ky., writes: "I used 'DISPARENE' on my potatoes with good results. One spraying did the work."

From Supt. of Boston Parks.

John A. Pettigrew, Supt. of Parks, Boston, Mass., writes: "We are much pleased with your 'DISPARENE.' It is very effective against leaf-eating larvæ, and it is easily held in suspension in the water."

Destroyed Codling Moth, Which Produces the Apple Worm.

Prof. E. D. Sanderson, Entomologist of the Delaware Experiment Station, conducted in 1901 the most careful and exhaustive series of experiments ever made against the codling moth. As usual, "DISPARENE" gave the best results of any insecticide used. He writes: "I used 'DISPARENE' against the codling moth this year. It proved to be very much superior to Paris Green, and destroyed a larger percentage of codling moth larvæ than has ever been done in any similar, carefully conducted experiment."

"Disparene" Saves Cranberry Crop.

Mr. S. A. Besse, New York, the owner of a large bog, writes: "During May and June our cranberry bogs were twice sprayed with 'DISPARENE.' For two years before we suffered greatly from the ravages of fire worms, but after using 'DISPARENE' we had very few beds injured by worms, and harvested the largest crop we ever raised."

Satisfactory.

Mr. W. A. Wight, Middlesex County, Mass., writes: "I sold a large quantity of 'DISPARENE' last summer for use against the brown-tail moth. It was found to be satisfactory in every respect."

Death to Potato Bugs.

Mr. Enos W. Boise, Hampden County, Mass., a well-known member of the Mass. Board of Agriculture, writes: "I like 'DISPARENE' for its effect on potato bugs. It does not scorch the vines; it kills the bugs and one spraying lasts for a long time."

Dr. Geo. E. Stone, Professor of Botany, Mass. Agricultural College, writes: "I am pleased to say the Insecticides gave eminently satisfactory results."

Mr. George W. McKee, Forester, Medford, Mass., writes: "I used 'DISPARENE' extensively against the gypsy and brown-tail moths with excellent results. It killed the insects quickly, and stuck to the leaves through several very hard rains. I used an extremely fine nozzle but the 'DISPARENE' never clogged it. It was easy to mix and apply, and kept up in the water with little stirring."

Killed Bugs. No Injury to Foliage.

John Earhart, Butler County, Ohio, writes: "I used 'DISPARENE' on apple, cherry and pear trees and on currant and gooseberry bushes. It is the best insecticide I have ever tried. It cleared the trees of canker worms and was there on the foliage when needed. We had the finest crop of nearly perfect apples we have raised for ten years past. We also used 'DISPARENE' on potatoes, and on rose bushes. It killed the bugs without injuring the foliage."

Priest Bros., well-known orchardists of Middlesex County, Mass., write: "We purchased an old run-out apple orchard which yielded but little sound fruit. We sprayed it thoroughly with your insecticide and applied plenty of Stockbridge tree manure. As a result of thorough spraying the apples were smooth and fair, practically all number ones."

The Only Bearing Orchard.

Mr. C. M. Reynolds, Luzerne County, Pa., says: "About the only orchard in the Township of Jackson that bore apples this year was mine, and I attribute that result entirely to the spraying with 'DISPARENE.'"

Saved My Trees.

Mr. E. B. Cole, Norfolk Co., Mass., writes: "I sprayed twice with 'DISPARENE' and saved my trees from injury by the canker worm, while the condition of the fruit was greatly improved."

Excellent Results.

Mrs. Kate L. Smith, Suffolk County, Mass., writes: "I used 'DISPARENE' for slugs and worms on rose bushes with excellent results."

Entirely Satisfactory.

Mr. George H. Price, Seedsman, Albany County, N. Y., says: "So far as we have heard, the results from using 'DISPARENE' were entirely satisfactory to our customers."

Complete Satisfaction.

Mr. B. B. Sisson, Plymouth County, Mass., says: "I have had two years' experience in selling 'DISPARENE' to cranberry growers. It gives complete satisfaction, and if applied in time will save the cranberry crop from injury by fire worm and other insects."

Tent Caterpillar.

The large gray webs of the tent caterpillar are conspicuous objects on the wild cherry, apple and other trees. These insects often strip large trees, but are easily kept down by spraying with "DISPARENE"—3 lbs. to 50 gallons of water.

"Not a Worm Remained."

Mr. H. F. Jackson, Clinton County, Ohio, writes: "'DISPARENE' gave perfect satisfaction. The canker worms were quite thick in my orchard, but in three days after using your 'DISPARENE' there was not a worm left."

Killed Span Worms.

The well-known growers, Jones & Heald, Barnstable County, Mass., write: "We think very favorably of 'DISPARENE.' It was used on our cranberry swamps with great effect. We used it particularly for the span worm, after our bogs were in bloom, without injury to the blossoms."

Worms Disappeared.

Mr. Joseph C. Steele, Preble Co., Ohio, writes: "We used 'DISPARENE' on plums, Russian apricots and apple trees for the canker worm. After applying it the worms disappeared in short order."

All We Claimed.

Mr. D. H. Lentz, Miami County, Ohio, says: "The 'DISPARENE' received from you last spring was all you claimed for it. It is very easily mixed with water; does not clog the nozzles, and was effective in destroying insects."

Best Thing to Use.

Prof. W. J. Green, Experiment Station, Wooster, Ohio, in the *Ohio Farmer* of May 30, says: "'DISPARENE' will do in place of Paris Green for both the plum curculio and canker worm; in fact, it is cheaper in every way."

From William F. Gale.

The work which City Forester W. F. Gale has done against the elm-leaf beetle at Springfield, Mass., has been a striking object lesson to foresters and park superintendents everywhere. Mr. Gale writes: "We used a little less than two tons of 'DISPARENE' on our street trees as a protection against the elm-leaf beetle. The results were very satisfactory; less than four per cent of our elms were defoliated, which is conclusive evidence that this insecticide is effective. There is but one way to protect trees from leaf-eating insects, and that is by spraying. I know of no better preparation to use than 'DISPARENE.'"

POCKET ELECTRIC LIGHT.



Not toys, but practical articles that can be carried in the pocket, the "Ever Ready," even in the vest pocket. These are flashlights; by pressing a finger on a button the light flashes out and continues as long as the pressure continues. They do away with all matches with their danger and are ever ready, wholly independent of wind or weather. Are perfectly safe, as it is impossible to set fire to anything, for if the glass bulb should ever be broken the light would go out instantly, as it can burn only in a vacuum. They are useful in a hundred ways in the house, the office, the stable, and on the road. I keep one by my bedside, by my watch, and carry it in my pocket when out on dark nights. How long they last before a new battery is needed depends on the frequency with which they are used. The smaller one is expected to be capable of giving about 3000 flashes, such as a man would need to see by night the time by his watch. The tube one will last much longer and give more light. When the batteries are used up they can be replaced by new ones, which can be purchased in almost any city for 30 cts. for the small and 35 cts. for the larger, or I will send them by mail for 35 cts. for the "Ever Ready" and 48 cts. for the Tube. The vest pocket light will be sent to any address by mail, in a metal case, cloth covered, for 98 cts.; by express, 90 cts. A larger coat-pocket light, equipped with a larger and more enduring battery, of higher candle power, \$1.47 by mail; \$1.25 by express. The Tube, which gives a larger light, for \$1.68 by mail; \$1.50 by express.



Ever Ready.

NOVELTIES IN FLOWER SEEDS AND PLANTS FOR 1906.

Annual Summer Flowering Pink, "Snowdrift."

The robust and freely-branching plants grow about a foot high and throw up a multitude of strikingly large flowers, 3 to 4 inches across, very double, of the purest white, with finely laciniated petals, the effect in the mass being that of thickly scattered clusters of snowflakes. Price, per pkg., 15 cts.

Australian Star Flower. (A.)

This unique and beautiful plant grows readily from seed in any ordinary garden soil but prefers a rather sandy one. Blooms early in the season and continues in bloom for a long time. The brilliant rosy-crimson fragrant flowers are produced in large graceful clusters which, when cut, retain their form and color in perfection permanently. May be sown early in open ground or started in house and transplanted. Price, per pkg., 15 cts.



Australian Star Flower.

Double Dwarf Erfurt Pink. (Dianthus Plumarius.) (P.)

Very free flowering with strong spicy fragrance and vivid rich display of colors. The plants are of quite compact growth of an average height of 12 inches and blossom a fortnight earlier than other varieties. Very hardy, easily grown and can be successfully potted when in full bloom. Finest mixture of all colors. Price, per pkg., 15 cts.

Foxglove Monstrosa. (Mixed Colors.) (B.)

A beautiful type producing long spikes of very large flowers in great variety of colors, many beautifully spotted. The peculiarity of this strain is the immense bell-shaped flower at top of each spike. Price, per pkg., 15 cts.



Gloria Aster.

Giant Snapdragon. (P.)

This new strain, which far exceeds in size and beauty the old variety, is very valuable for cutting and makes a magnificent display in the garden. Seed may be started in the house, in cold frame, or sown in open ground. In either case the plants come quickly into flower and remain in constant bloom long after the first frost. Plants need protection over winter. Splendid mixture of scarlet, yellow, garnet and pink. Price, per pkg., 10 cts.

Gloria or Buttonhole Aster. (A.)

The plants grow to a height of 10 inches, are very branching and free blooming. As many as forty flowers have been counted on many plants. The flowers are about 1½ inches in diameter and are pure white, with a brilliant scarlet margin. It is the prettiest aster we know for buttonhole wear or small vases. The flowers last a day in the hottest weather if worn in buttonhole. Price, per pkg., 15 cts.

Hercules Aster. (White.) (A.)

A new class growing from 1½ to 2 feet in height, producing, on long stiff stems, enormous, pure white, long-petaled flowers, which bear a strong resemblance to the monster exhibition flowers of Giant Japanese Chrysanthemums. Splendid for large beds and cutting and a superb variety for exhibition. Price, per pkg., 20 cts.

Mourning Bride Japonica. (P.)

Hardy perennial Scabiosa from Japan, forming large, many-branched bushes of about 2½ to 3 feet in height and breadth with elegant light green foliage. The flowers are from 2 to 2½ inches across, of a beautiful lavender-blue borne on long wiry stems from 15 to 20 inches in length. The plants are extremely free flowering, producing their countless lovely flowers continuously from the end of June until late in the autumn. Exceedingly desirable for bouquets, vases, etc. Price, per pkg., 15 cts.

Nasturtium Lobbianum. (Ruby.) (A.)

A charming new variety of the compact-growing Lilliput Nasturtiums. The multitudinous flowers are of a brilliant ruby red which renders this novelty especially useful for all kinds of bedding purposes. Price, per pkg., 15 cts.

New Century Dahlia. (P.)

New beautiful single Dahlias ranging in colors from maroon through crimson, red, yellow, pink and white, including many mottled varieties of the type of the 20th century. Price, per pkg., 20 cts.

New Nicotiana Sanderæ Hybrids.

The flowers are as large as the Carmine variety introduced last year and are borne in equal profusion. They come in eight separate colors, ranging from pure white to deep scarlet, some of the intermediate tints being of exquisite beauty. They are perfectly hardy and will bloom in the open air all through the summer and autumn and are as easily grown as Petunias.

Collection containing one package each of the eight new colors, 35 cts.

The "Santa Rosa." (A.)

(Mr. Burbank's Famous New Poppy.)

This is a new strain of the Shirley Poppy with all the delicate beauty in color and texture of the original type and in addition the petals of the flower are beautifully crimpled. For freedom of growth, beauty and lovely showiness few garden flowers excel the Poppy. Price, per pkg., 10 cts.



Santa Rosa Poppy.

Stocks, Early Large Flowering Crimson King.

A magnificent new variety of brilliant fiery crimson, a strong and very effective shade. The central stem and numerous side shoots are loosely covered with very large and very fragrant flowers. If started in the house in March and transplanted into the open ground when weather is warm will commence to bloom in June and the blooming period is unusually long. Of great value for cutting and an excellent pot plant. By the application of liquid manure when transplanting splendid specimens for exhibition can be produced. Price, per pkg., 15 cts.

Verbena Hybrida Carneae. (A.)

Very dwarf compact growing Bush-Verbena with large trusses of pure flesh-colored flowers, a shade previously unknown in this class. Excellent for dwarf beds and borders. Price, per pkg., 15 cts.



Mourning Bride Japonica.

NOVELTIES IN FLOWER SEEDS AND PLANTS FOR 1906 — Continued.



New Calla, Mrs. Roosevelt.

NEW YELLOW CALLA (RICHARDIA).

"Mrs. Roosevelt."

Flowers, light clear yellow, produced very freely on long stems. Foliage, deep rich green, distinctly and freely blotched with white, making the plant very effective for banking and other forms of decorations, and more distinct and showy than Fancy Caladiums for many purposes. It does particularly well planted outside, grows strong and flowers freely. Probably the best calla for this purpose extant.

Awarded a silver medal by the Massachusetts Horticultural Society, 1902.

Awarded a silver medal by the Society of American Florists, Boston, 1903.

Bulbs, 40 cts. each by mail postpaid.

NEW GLADIOLUS, "AMERICA."

Color beautiful flesh pink. Growth very strong and healthy, producing a beautiful dark green foliage, and a strong, erect spike of the largest flowers, well set to show to the best advantage. Blooms of this fine new Gladioli were used for decorating the yacht "Mayflower" when President Roosevelt received the Peace Envoys. Says a Washington Florist, "Fine enough for a Bride's Bouquet."

Awarded Certificate of Merit by Society of American Florists at Washington, D. C., August, 1905.

Awarded Certificate of Merit by Mass. Horticultural Society at Boston, Mass., August, 1905.

Bulbs 30 cts. each; \$3.00 a doz.

The New Rose "Baby Rambler."

The Ever-blooming Dwarf Crimson Rambler.

This is considered the best hardy bedding rose. It is constantly in bloom from early spring until frost, and if grown indoors in pots, will flower all the year round. It is of vigorous compact growth, about 20 inches in height, with dark glossy foliage, remarkably free from insects and fungus. The flowers are borne in clusters as large as those of the Climbing Crimson Rambler, and of the same charming brilliant red color. Two year old plants by express at purchaser's expense, 45 cts. each; by mail, postpaid, 55 cts. each. One year old roots, 20 cts. each; 2 for 35 cts.

New Snow White Hardy Perpetual Rose "Frau Karl Druschki."

This magnificent rose has taken first prize at all the great flower shows of Europe. Flowers very large, snow white in color, with large shell-shaped petals forming a beautiful flower. The plant is a strong, vigorous grower, with dark, healthy foliage, and an abundant bloomer. It should have deep, rich, well drained soil, and full sunlight. The Rural New Yorker says of this new rose: "We have grown Frau Karl Druschki three years, and have been rewarded with more good blooms in the garden and under glass than from three times the number of plants of other large-flowered white kinds." Strong 2 year old roots, price per express at purchaser's expense, 40 cts. each, \$4.00 per doz.; by mail, postpaid, 50 cts. each, \$5.00 per doz. One year old roots by mail, postpaid, 15 cts. each, two for 25 cts.

It has become of late the fashion among ladies to raise their own herbs for seasoning, such as Sweet Marjoram, Summer Savory and Thyme, each of which was a pet with our grandmothers in the days of our childhood, when they hardly felt ready for the services of the Sabbath without a sprig of these, with its sweet fragrance, as their companion. If you have a spare corner in the flower-garden what better use can be made of it than by planting it with these old friends? For prices see page 51.

POULTRY DRESSING.

We catalogue Poultry Dressing, which is a strictly first-class article made from American-grown sage and other herbs, while the dressings generally on the market often contain foreign grown herbs, which are poorly cured. Price, per box, postpaid, 10 cts.; per express, 8 cts.; per doz., postpaid, \$1.00; per doz., per express, 80 cts.

HONEST SAGE AND MUSTARD.

My wife for years had not been able to find in the market the old-fashioned sage, with its good green color and strong sage flavor. What she found was a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity was used, it gave a bitter taste to the dressing. We have of late years found a young man who puts up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process; but by it he is enabled to retain the green color, and what is more important, the strong sage flavor. He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian meal or horse radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces and the sage two ounces per box. We can send these to such of our customers as want a pure article, at 12 cts. a box for the sage, and 18 cts. for the mustard, postpaid by us; or for 10 and 14 cts. respectively, when either by express or freight, and 2 cts. less per box of each either way, where a dozen of each is taken. The same trustworthy young man also puts up sage in the leaf for those who so prefer it. Price, per large package, 12 cts., postpaid.

QUANTITY OF SEED FOR AN ACRE.

Seedsmen vary much in their directions for the quantity of seed to be planted to the acre. In the following list we give the quantities of the more common sorts where first-class seed is used. Of course the poorer the seed the larger the quantity required:—

Dwarf Beans in drills.....	1 1-2 bushels	Onions, for dry bulbs, in drills.....	4 pounds
Peas.....	1 1-2 "	Onion Seeds for Sets, in drills.....	30 "
Beets, in drills.....	4 pounds	Onion Sets, in drills.....	10 bushels
Cabbage, in hills.....	8 ounces	Potatoes, in drills, cut, depends on number of eyes.....	8 to 14 "
Cabbage, in beds to transplant.....	2 "	Radish, in drills.....	8 pounds
Carrots, in drills.....	1 1-2 pounds	Spinach, in drills.....	10 to 15 "
Cucumber.....	2 "	Sage, in drills.....	4 to 6 "
Corn, in drills.....	9 quarts	Squash, running varieties, in hills.....	2 to 2 1-2 "
Muskmelon, in hills.....	1 1-2 pounds	Tomato, in beds to transplant.....	2 ounces
Mangold Wurtzel, in drills.....	6 "	Turnip, in drills.....	1 1-2 pounds
Onions, for bulbs to sell green, or to trace, in drills.....	6 to 8 "	Rye.....	1 to 2 bushels

Amidst great diversity of opinion concerning the quantity of the usual mixture for seeding for hay, we would recommend 1-3 bushel (15 lbs.) of Timothy, 9 lbs. of clean Red Top, and 5 lbs. of Red Clover per acre.

Vegetable Novelties and Specialties of Previous Years.

For Prices in full per Bushel and Pound and fractions thereof see pages 39-51 inclusive.

For Asparagus Roots

ASPARAGUS.

see page 51.

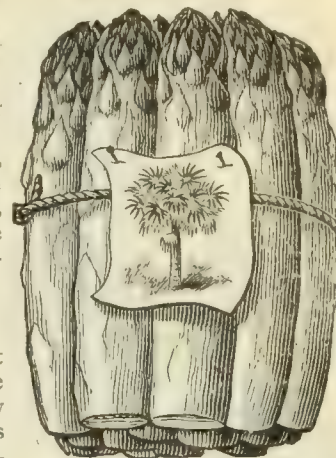
PALMETTO ASPARAGUS.

This variety has the reputation of being less subject to blight than other varieties.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "Conover's Colossal' had always been the leading sort, and justly so, but when we state that the Palmetto is not only much *earlier*, but is also a *better yielder*, and it is more *even* and *regular* in its growth, than Conover's, it will be seen, we think, that it must eventually supplant the old favorite." Price, per pound, postpaid, 58 cts.; per $\frac{1}{4}$ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

EARLY GIANT ARGENTEUIL.

This very handsome variety, obtained by selection from seedlings of the Giant Dutch Purple Asparagus, forms the greater part of those fine bundles which are so much admired in the Paris markets in the spring. The shoots are notably thicker than those of the parent plant, the head is slightly pointed, and the scales with which it is covered are very closely set, overlapping each other. It has become very popular among market gardeners who have made trial of it on a large scale. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.



Palmetto Asparagus.

COLUMBIAN MAMMOTH WHITE.

A variety of asparagus which is sure to be in great demand in many localities, because it furnishes *white shoots* which *stay white as long as fit for use without earthing up or any other artificial blanching*. It can be depended on to give eighty to ninety per cent. *white plants* from seed. The green shoots can be discarded when setting the permanent bed. Fine for the market gardener or for canning. Price, per pound, postpaid, 68 cts.; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

DWARF, SNAP OR BUSH BEANS.

For full prices per bushel and peck see pages 39 and 40.

WARREN BUSH BEANS.

After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be *the best of all bush beans* we are acquainted with, for table use. The Warren crops medium well, and has a large, green, pulpy, stringless pod. When cooked it has the rich quality that heretofore has been believed to be confined to the best of the pole beans. Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

BOUNTIFUL GREEN BUSH.

Let us see what our note-book says as to how it deported itself among the fifty-two varieties we carefully tested last season. It reads as follows: "Very early, entirely free from strings, a fine cropper, pod flatter than Stringless Green Pod, a desirable variety." Our field notes are always very brief: we could throw in a good many strong adjectives that would but honestly present the good qualities of this fine new variety.

A. G. Tillinghast, La Conner, Wash., writes: "Last year we found the Bountiful Beans to be the earliest, most prolific and the most tender to cook of any kind in our trial grounds."

Price, per quart, per express, 25 cts.; postpaid, 40 cts.; per package, 10 cts.

BURPEE'S STRINGLESS GREEN PODDED.

We now have the pleasure of cataloguing a green podded dwarf bean, which is absolutely stringless even when the pods are old enough to contain large beans. It has also the recommendation of being *one of the very earliest of beans*. Pods plump and straight. S. D. Reid, Pidcock, Ga., writes: "The Stringless Green Podded Beans surpass any bean that I ever grew in size and quality." A first-class cropper. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

LOW'S CHAMPION BUSH.

This Green Podded bush bean is well adapted to the table, garden and market. Being entirely stringless, it is extremely tender, and of exquisite flavor as a string-bean. The pods are large and long in shape, containing from five to eight beans each. Says the originator, "On less than one-eighth of an acre it yielded seven and one-half bushels of clean, hand-picked seed-beans." We have a good supply of them this year. Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

GIANT STRINGLESS GREEN-POD VALENTINE.

This new variety should not be compared with *Burpee's Stringless Green Pod*, from which it is entirely distinct, resembling more closely the *Valentine*, the pods averaging one-third larger than those of the later variety. As early as six weeks, a little smaller than Stringless Green Pod, which it otherwise resembles, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods five inches long, light green, slightly curved, very meaty, being broadly rounded, saddle-backed and absolutely stringless. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

GOLDEN CARMINE PODDED HORTICULTURAL POLE.

This new bean will win great popularity among market gardeners from its singular attractiveness. Just consider, *the brightest crimson stripes on a golden yellow ground*. Then consider also that it is a robust grower and very productive, and once more that the pods are extra large, and in what pole bean can we find such a desirable combination for market purposes? Those who have tried it are exceedingly pleased with both its quality and brilliant appearance. My townsman, Mr. Hayden, finds it decidedly earlier than other large varieties of the horticultural and a much better cropper; he is enthusiastic in his praise of it. Per quart, postpaid, 50 cts.; per package, 10 cts.

EXACT SIZE GOLDEN CARMINE



Miss Lizzie Clark, Osage, Ia. "I was more than satisfied with the seed, especially with the White Cory Corn and Keeney's Rustless Golden Wax Beans."

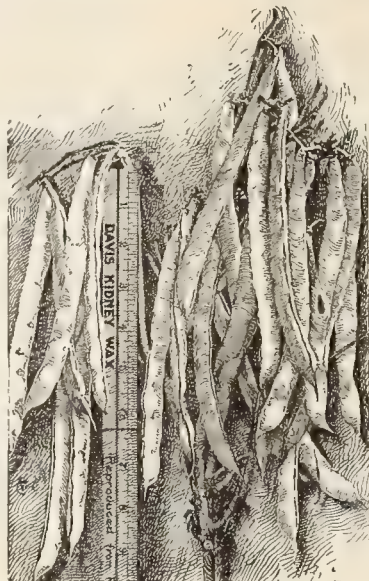
BEANS.—Continued.

Oran W. Burke, East Kingston, N. H., writes: "My Mammoth Carmine Podded Pole Hort. Beans with their bright pods were a very pretty sight. They are fine."

DAVIS KIDNEY WAX DWARF BEANS.

The Davis Kidney Wax is a new and distinct kidney variety. The engraving, as shown, is a genuine production from life. The plant is vigorous, of compact, upright growth. The pods are extra long, straight oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and when young are quite stringless and of fine flavor. A little stringy as they grow old, but fine eating at every stage of growth.

One of the main points of superiority over other sorts is its extreme hardness and shipping qualities. This new Bean will be likely to become a popular, standard wax sort. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.



KEENEY'S PENCIL POD WAX.

Keeney's Pencil Pod Black Wax grows a taller, stronger, and more vigorous bush than the Improved Prolific Black Wax, which is one of its parents. Very early and productive, and destined to become very popular. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

IMPROVED GODDARD DWARF HORTICULTURAL.

Pods of this dwarf variety are large, long, flat, usually curved with long, curved points; green when young, but as the beans become fit for use are splashed and striped with crimson. Beans very large, splashed with red and of fine quality. Dry beans marked like Dwarf Horticultural and of the same color, but longer and much larger, making them more desirable for market use. Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

KEENEY'S RUSTLESS GOLDEN WAX.

All Wax beans are more or less subject to rust, which spoils them for market use. Mr. Keeney, the great bean grower, believes he has at last secured a bush variety, a sport from the Golden Wax, that excels all others in its comparative freedom from rust. The pods are entirely stringless. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

EARLY CARMINE PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, most of which are bright red, making it desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sorts. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.



Keeney's Rustless Golden Wax.

BURPEE'S BUSH LIMA BEANS.

This is a true bush form of the luscious large Lima bean, coming absolutely true from seed. The bushes grow eighteen to twenty inches high, are stout and always erect, yet *branch so vigorously* that each plant develops into a magnificent circular bush, *from two to three feet in diameter*, filled with large pods. Later than Dreer's. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

KENTUCKY WONDER WAX POLE.

The enormous productiveness of the old Kentucky Wonder pole bean is well known. We now introduce a variety having all its superb qualities, except that it is of a beautiful transparent yellow color.

It is a rampant grower, one plant filling a pole with a mass of vines densely loaded with luscious beans, almost a solid mass of pods from bottom to top.

The pods are so fleshy that they are frequently greater in width than breadth. They are solidly meaty, entirely stringless and when cooked deliciously rich and buttery.

Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

MAMMOTH CARMINE PODDED HORTICULTURAL POLE.

One of our clerks, who visited a large plantation of this new bean in 1893, told us that it was the handsomest sight in beans he ever saw. Thousands of poles were literally covered from top to bottom with its extra large, carmine-colored pods; "painting the landscape red" with their brilliant coloring. Not only are the pods so much richer in color, but *both pods and beans are much larger* than those of the common kind. Its cropping qualities vary with different soils. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

SNOWFLAKE FIELD.



The Snowflake is so well liked by many among our customers of long standing that we believe our new patrons who may make trial of it will thank us for having called their attention to its merits.

This is a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting. It is an upright grower and a *great bearer*. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties open the pods to the sun.

Mr. S. H. Seamans of Milwaukee counted one hundred and twenty completely filled pods on a single vine.

Mr. Keeney, the leading grower of seed beans in the United States, ranks the Snowflake as the best small white bean raised in the United States.

Price, per peck, per express, \$1.20; per quart, postpaid, 40 cts.; per package, 10 cts.

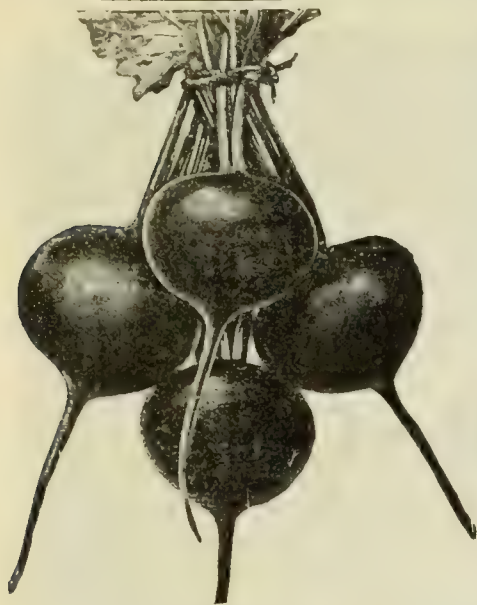
John Black, Cheshire, Vt., writes: "Your Crosby's Egyptian Beets were the earliest in our neighborhood and as fine as they were early."

BEETS.

Clover Crest Garden, Hugo, Minn., writes: "The earliest table beets were the Dirigo and Faust's Crimson. Both are of fine quality and very sweet."

DETROIT DARK RED BEET.

We find this to be as early as Crosby's Egyptian, with flesh as dark as the Edmands, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together; roots globular or ovoid; color of skin dark blood red; very crisp, tender and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.



FAUST'S EARLY CRIMSON.

We are pleased with the rich crimson color of this beet and were surprised to find that it was one season THE EARLIEST IN OUR EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE. We think this is the sweetest of all beets, and a first-class for everyone, and of especial value to market gardeners. It is sometimes catalogued as the Mitchell's beet. Price, per pound, postpaid, 48 cts.; per $\frac{1}{4}$ pound, 15 cents; per ounce, 10 cts., per package, 5 cts.

CROSBY'S EGYPTIAN.

A dark-fleshed, small-necked, early variety of beet.

As early as the original Egyptian, by careful selection it has been made thicker and is less inclined to push up a woody neck as it advances in growth.

George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says: "After trials of many varieties, I pronounce the Crosby's Egyptian the best for the early market." Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

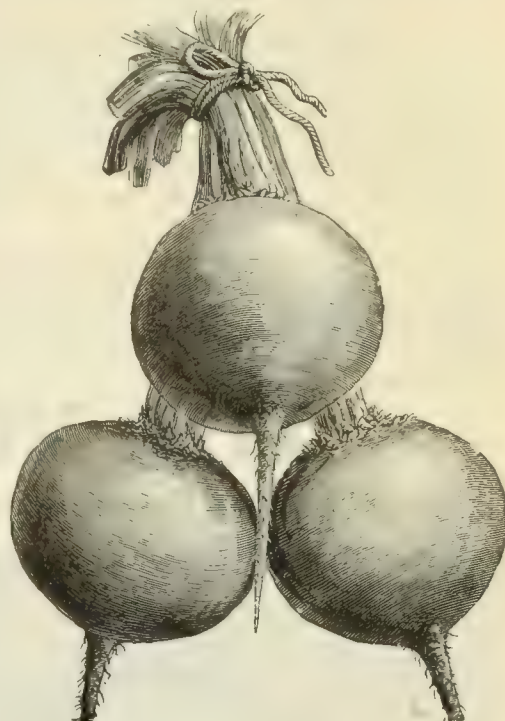


GIANT YELLOW INTERMEDIATE MANGOLD.

This variety grows more than half above the ground, and is of a russet-yellow color. It has a thick neck, large leaves with green stems, and a very smooth and fine skin. Flesh white, firm and sweet, much liked by cattle. An excellent root, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape. Price, per pound, postpaid, 35 cts.; per $\frac{1}{4}$ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

ECLIPSE BEET.

This valuable beet, of which we were the original introducers, has become a standard variety. George B. Courtis, of Marblehead, a prominent market gardener, writes us: "In an experience of fifteen years, I find the Eclipse surpasses all in color, smallness of top and smoothness; and, moreover, it is a splendid cropper." We might fill pages with recommendations; but the one above will answer, as it sets forth its strong points. Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.



DIRIGO.

A critical comparison between the Dirigo and Crosby's Egyptian raised side by side is what our customers want, as these two beets are competitors for the early market. The difference between them as they grew on our experimental grounds was: 1st, that the Dirigo was the finest made-up beet of the two; 2d, that it had a smaller top; and 3d, that it was rather earlier than the Crosby. It was the most attractive beet among eleven varieties. Price, per pound, postpaid, 65 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cents; per package, 5 cts.

PRINCE OF DENMARK FEEDING SUGAR MANGOLD.

As every farmer knows, beets are valuable for raising for cattle feed just in proportion to the quantity of sugar they contain and the amount of crop they will yield. Now this variety has been carefully tested for six years, side by side with five other standard sorts, with the result that it has averaged both richer in sugar and a heavier cropper than either of them. What can be better for winter feed for cows or hogs (don't ever begin to feed before middle of December) than this new, rich, heavy yielding Sugar Mangold?

Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

Cheap seed are desirable, but good seed give better crops.



Mrs. E. R. Jones, Lapeer, Mich., writes: "Much praise is due the 'Glory of Enkhuisen' Cabbage. We did not start the plants exceptionally early, but by July 1st we had solid beautiful heads."

BEETS.—Continued.

The Dirigo Beet is still in my judgment the best table beet in existence either as a first early, in appearance or in quality, and this is my fourth season to try it. E. Stanley Brown, The American Trial Grounds, East Moriches, N. Y.

EDMANDS' BLOOD TURNIP BEET.

This is a standard strain of late turnip beet, with flesh of an *extra dark color*, which makes it very popular with market gardeners. Our customers will find it an excellent variety for general crop where a dark-colored beet is wanted. Price, per pound, postpaid, 55 cts.; per $\frac{1}{4}$ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

CRIMSON GLOBE BEET.

For an early crop, especially on light soils, the value of this handsome beet will be recognized by every grower. It is a desirable crop in every garden, both for its admirable shape and its high qualities as a vegetable. Its form, which is as round as a Snowball Turnip, and the richer color of the flesh, distinguish this variety from the Egyptian Turnip-rooted beet. Price per pound, postpaid, 55 cts.; per $\frac{1}{4}$ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

I never had such nice Cabbage as the Houser. The heads are very large and as hard as a rock. They do not crack open as most large-headed Cabbages do, writes PHILIP BURNIX, Herkimer, N. Y.

CABBAGES.

Mrs. H. C. Ostrander, East Aurora, N. Y., writes: "We find your Earliest Cabbage to be the finest hard heading, first early cabbage that we have yet seen."

THE VOLGA CABBAGE.

 The Most Valuable Cabbage Introduced the Last Twenty-Five Years. 



Volga Cabbage.

better than any of the drumheads." Says Mr. H. M. Munroe, of Lexington, Mass.: "It made good solid heads, earlier than Deep Head, with few outside leaves, and did not crack as much as other varieties. I think the Volga is one of the coming cabbages." Mr. W. E. Fiske, of Lexington, Mass., states: "Heads large, very uniform and solid, maturing a week earlier than Warren. I like it very much." Price, per pound, postpaid, \$3.58; per $\frac{1}{4}$ pound, \$1.10; per ounce, 35 cts.; per package, 10 cts.

ALL-SEASONS. (Headquarters Stock.)

Sometimes called "Vandergaw."

This fine variety, which we were the first to catalogue, has, through clear, sheer merit, introduced itself into every leading catalogue in the United States. It is called "All-Seasons" because it is just as good for late market or to keep over winter as it is for the early market. Our stock is from specially selected heads.

Price, per pound, postpaid, \$2.30; per $\frac{1}{4}$ pound, 65 cts.; per ounce, 20 cts.; per package, 5 cts.

CABBAGE, "GLORY OF ENKHUISEN."

Of all the early white cabbage there is none equal to this novelty. It has a great advantage in comparison with other early sorts in that it grows large heads, which are very hard, of a nice yellow green color, and of fine foliage. This will no doubt have a good reception amongst market gardeners, as well as those who grow vegetables for their own use. Price, per pound, postpaid, \$3.33; per $\frac{1}{4}$ pound, \$1.00; per ounce, 30 cts.; per package, 10 cts.



Cabbage, "Glory of Enkhuisen."

Fred Junge, Seola, So. Dak., writes: "Being now past 72 years old I hereby express my perfect satisfaction with all my dealings with you for many years."

CABBAGES—Continued.

George D. Brigham, Boylston Centre, Mass., writes: "This is the thirty-third year I have planted your seeds and have always found them satisfactory."

THE HOUSER CABBAGE.



The striking engraving, made from a photograph, gives a good idea of the remarkably round and hard heading new cabbage. It bears the name of its originator. It is the result of 20 years' careful selection. The heads are large, weighing, on an average, 10 to 12 pounds. For late marketing it should be planted two weeks earlier than any other sort.

The Claims for This Distinct New Cabbage Are:

First, Lateness. It is the latest of all large Cabbages, being at least two weeks later than any other strain of the Late Flat Dutch type.

Second, Solidity. The Houser Cabbage cannot be excelled in this respect by even the Danish Ball-Head. Very compact, each leaf well overlapping the head.

Third, Size. It is fully as large as any of the common varieties, the heads averaging from 10 to 12 pounds. Many specimens have been grown to weigh 18 to 20 pounds.

Fourth, Shape. The heads are round and deep through, and should any of the heads crack, it is at the stem end, which does not destroy its use for market. The heart extends only 2 to 2½ inches into head.

Fifth, Quality. The main feature of a good cabbage is tenderness. In this respect Houser surpasses most others. It is free from that coarse rib always found in late cabbages.

Mrs. J. Pollensworth, Carson, Nevada, writes: "I have grown cabbage for a great many years, but never had any equal to your Houser."

Price, per pound, postpaid, \$2.50; per ¼ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

TWISS EARLY DRUMHEAD.

This variety has these two advantages over the Warren, viz: it heads a week or ten days earlier, and besides makes a rounder, more globe-shaped head. A splendid market sort. Price, per pound, postpaid, \$2.55; per ¼ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

DANISH WINTER BALL HEAD.

The Danish and Hollander cabbage, under various names, have become exceedingly popular in our late winter and spring markets for the good reason that the imported varieties have been bringing from 50 cts. to a dollar more per barrel than the best of our native sorts. This is because of the remarkable hardness of the heads. All are very reliable for heading if planted early on strong, well-manured land. In the latitude of central Massachusetts, they should be planted the first week in June. Price, per pound, postpaid, \$2.55; per ¼ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

MARBLEHEAD MAMMOTH CABBAGE.

This is the *largest variety of the cabbage family in the world*. Our patrons generally succeed in growing the Mammoth from our seed to the weight of thirty and forty pounds and in some instances over ninety pounds! *It is the best of all varieties to raise for cow cabbage and winter feed for poultry*. The selected heads from which we raised this seed averaged forty pounds each. Price, per pound, postpaid, \$2.50; per ¼ pound, 70 cts.; per ounce, 25 cts.; per package, 5 cts.

HENDERSON'S SUCCESSION.

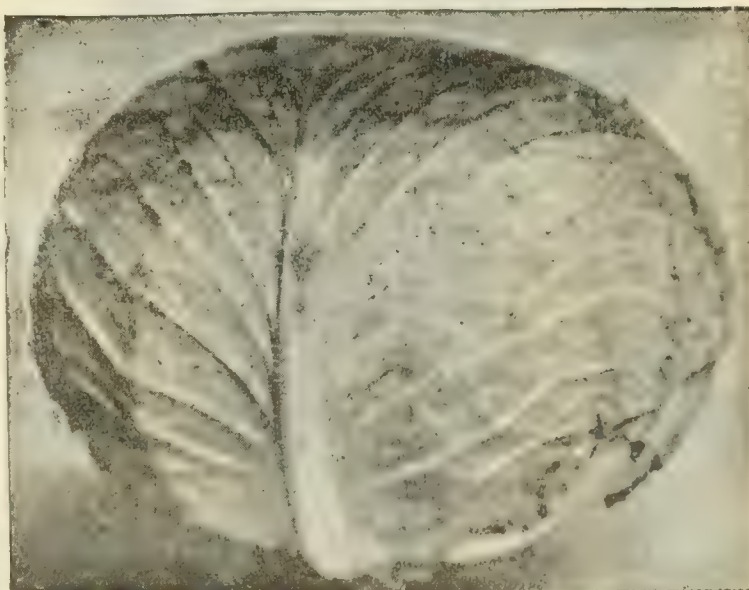
This is a valuable variety. It has been thoroughly well bred, and has uniformly short stumps, about all of them supporting well-shaped, firm, solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per pound, postpaid, \$2.25; per ¼ pound, 65 cts.; per ounce, 20 cts.; per package, 5 cts.

IMPROVED AMERICAN SAVOY.

The improved American Savoy is one of our old standbys. It grows to a good size, is as reliable for heading as the Warren or Premium Flat Dutch. We heartily recommend it to all those market gardeners who grow Savoys by the acre for the general market. Price, per pound, postpaid, \$2.50; per ¼ pound, 70 c.; per ounce, 20 cts.; per pkg., 5 cts.



THE SOLID EMPEROR.



Our farmers find that we can raise at home as good specimens of the Danish and Hollander cabbage as the imported, provided that the seed planted is not more than one remove from the foreign-grown. All the various strains of these foreign late cabbages are characterized by stumps longer than those of our native sorts. All are very reliable for heading if planted on strong, well-manured land. In the latitude of Central Massachusetts, they should be planted the first week in June. We find no one variety equal to the Solid Emperor. Our seed is from the very best Danish stock and raised from selected heads. Price, per pound, postpaid, \$2.85; per ¼ pound, 80 cts.; per ounce, 30 cts.; per package, 5 cts.

This is to certify that Geo. W. Snow, Hampden Cor., won Society's first premium at Waldo & Penobscot Agr'l. Fair on vegetables grown from seeds bought of James J. H. Gregory & Son. C. M. Moore, Sec'y. September 15, 1905.

CABBAGES — Continued.

Your seeds have always been very good and a sure crop.
C. H. PARKHURST,
26 Forest St., Keene, N. H.

THE WARREN CABBAGE.

(Sometimes called "Warren Stone Mason.")

This is a first-class early cabbage making a round, medium sized and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading no cabbage surpasses it. It comes in as early as some strains of Fottler and a little earlier than others. The heads being very thick through and nearly round make it an excellent sort to carry through the winter. Price, per pound, postpaid, \$2.55; per $\frac{1}{4}$ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

THE HOLLANDER.

The Hollander is one of the best of those hard heading foreign varieties, which have been imported into our markets after spring is well advanced. We find that in this country as fine heads can be raised as are imported. The heads are thick, round, of medium size and about as hard as a rock. Plant at least a fortnight earlier than the common Drumhead, and manure very liberally. Per pound postpaid, \$2.55; per $\frac{1}{4}$ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

EARLY DEEP HEAD CABBAGE.

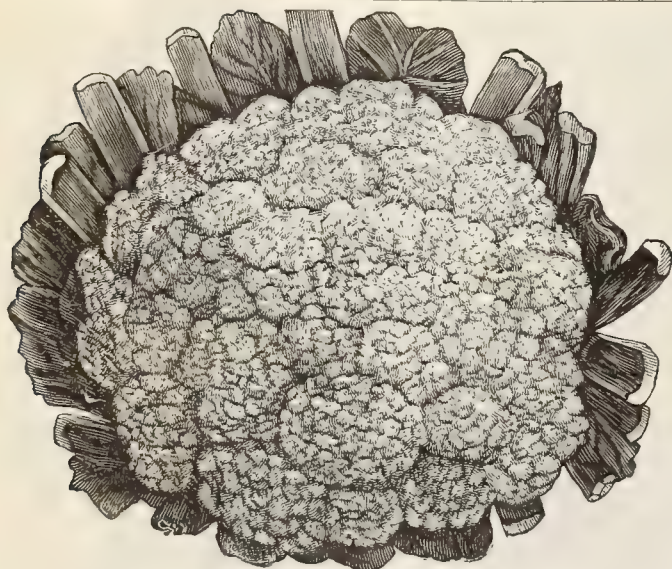
Every one of our customers who has raised them must have found our Early Deep Head a magnificent cabbage. The Deep Head makes a larger and deeper head than the original Fottler; hence is better to keep over winter, "peeling" well in the spring. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cts.; per ounce, 20 cts.; per package, 5 cts.

EARLY JERSEY WAKEFIELD.

The standard early cabbage in the markets of New York and Boston. We have tested many varieties side by side with our own, but have never found one superior to our present strain. Price, per pound, postpaid, \$2.25; per $\frac{1}{4}$ pound, 65 cts.; per ounce, 20 cts.; per package, 5 cts.

MAMMOTH ROCK RED.

This is a variety of Red Drumhead which, while in every other respect equal to our standard sort, makes larger heads. The head is large, round, very solid, and of deep red color. Ninety-eight per cent of the plants will form extra fine heads. Per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.



Gregory's Early Snowball Cauliflower.

CAULIFLOWER.**THORNBURN'S GILT EDGE.**

One of the finest strains of the Snowball variety. It is later and larger than common Snowball, and can be left longer in the field without decaying. Price, per $\frac{1}{4}$ pound, \$7.00; per ounce, \$2.00; per package, 25 cts.

LONG ISLAND BEAUTY.

In the late trial every specimen of the Long Island Beauty made fine heads, and the heads averaged larger than any other sort. It is among the earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial, not forgetting that cauliflowers will sometimes vary for reasons thus far untraceable. Price, per $\frac{1}{4}$ pound, \$5.75; per ounce, \$1.75; per package, 20 cts.

GREGORY'S EARLY SNOWBALL.

This ranks extremely high among the early varieties; for earliness, reliability for heading, size or head, and rich, white, curdy appearance, it is deservedly very popular. Price, per ounce, \$2.40; per package, 25 cts.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers carrots from your seeds at the rate of sixteen hundred bushels to the acre."

**CHANTENAY — THIS IS THE
FINEST TYPE.****CARROTS.****DANVERS—OURS IS THE MARKET
GARDENER'S STRAIN.****DANVERS CARROT.**

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business. After years of experimenting they settled upon a variety which originated among them, known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing on light soils generally with a stump root. Under high cultivation (see our treatise on Carrots and Mangolds) forty tons are raised to the acre, and, at times, even larger crops. This carrot is of a rich, dark orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first-class carrot for any soil. *The seed we offer of our own growing is from most carefully selected stock, and has given universal satisfaction.* A cheaper strain will be found quoted in the general list, page 41. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 45 cts.; per ounce, 15 cts.; per package, 5 cts.



Danvers.

**GUERANDE HALF LONG, STUMP ROOTED OR
OX=HEART CARROT.**

Intermediate as to the length between the Scarlet Horn and the Short Horn. It is much thicker at the neck than either, and, as will be seen by the engraving, carries its thickness well down towards the bottom. Crops as heavy as the Danvers, with this advantage, that it can be grown thicker and can be raised on stonier land, while every carrot can be easily pulled by hand; ploughing or digging being rarely necessary. Price, per pound, postpaid, 95 cts.; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.



Albert Johnson, Fairport, N. Y., writes: "The Celery from seed bought of you was the best I ever saw."

CARROTS — Continued.

C. A. Miller, Geneva, O., writes: "I was very much pleased with all your seeds and shall order more in the near future."

CHANTENAY CARROT.

Of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. Of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for carrots of a finer type than the Danvers. Don't plant it for stock feeding, as it will not yield equal to the Danvers. Price, per pound, postpaid, 90 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

IMPROVED LONG ORANGE.

We have had this strain of the Orange grown for us for many years by the same party, and think that we are justified in saying that there is no better. It grows long, but not too long for a long Orange. Price, per pound, postpaid, 70 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

Chantenay.

Joseph S. Wormstead, Marblehead, Mass., writes: "I tried a root of the New Rose Ribbed Celery, not blanched, and found it to be as crisp and tender as any blanched celery I ever tasted."

CELERY.

Rev. B. T. Russell, Welcome, Minn., writes: "Your Rose Ribbed Celery is very fine. It keeps well into February, and its flavor is delicious."

GIANT PASCAL CELERY.



This self-blanching variety of celery comes to us from France. It is a tall sort, growing large, thick and solid stalks. Dark green in color, it has a golden heart, and a rich, nutty flavor. Unlike some of the self-blanching varieties, *this is a fine keeper*, being found in the markets of Paris from the end of December to the beginning of March. Well worthy the attention of every enterprising market gardener. Price, per pound, postpaid, \$1.55; per ¼ lb., 50 cts.; per ounce, 15 cts.; per package, 5 cts.

PARIS GOLDEN-YELLOW, LARGE, SOLID.

This surpasses in about all the characteristics sought after in an early celery — vigor of growth, large size, readiness in blanching, *it being to a large degree self-blanching*, and in possessing the rich, nutty flavor of the best varieties. After having tested the stock with which we are to supply our customers the coming season we can truly say that it is first-class in every respect. Its true sphere is that of a fall and early winter celery. This has become the acknowledged early variety grown for the very discriminating people of Boston by the market gardeners who supply them. Price, per pound, postpaid, \$3.50; per ¼ pound \$1.10; per ounce, 35 cts.; per package, 10 cts.

BOSTON MARKET. (Original Strain.)

This variety, which was the standard of excellence in the markets of Boston, Mass., for so many years, is yet unequalled in quality when at its best. Our seed of this was grown from the finest strain of plants by one of the best gardeners of Arlington, Mass. Price, per ¼ pound, \$1.40; per ounce, 50 cts.; per package, 15 cts.

IMPROVED SHORT WHITE CARROT.

This new and distinct variety, Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness and the ease with which it can be harvested. Roots half long, very heavy at the shoulder, smooth, color light green above ground, white below; flesh rich, white, solid, crisp and of excellent flavor. As a heavy cropping, easily harvested, white carrot, it is probably the best of its class. A real acquisition. Price, per pound, postpaid, 60 cts.; per ¼ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

For novelties in vegetables, including the new carrot, see pages 2 to 6.

The best market gardeners plant Paris Golden Yellow Celery.

THAT NEW CELERY!

Don't let our celery growing friends forget to make a trial of the new celery described on pages 2-6.



NEW ROSE-RIBBED OR GOLDEN ROSE.

A fine sport from the Golden Self-blanching. It adds to all the unsurpassed characteristics of that popular sort, a delicate rose tinting of the ribs as the season advances, which makes it very beautiful on the table. Price, per pound, postpaid, \$1.55; per ¼ pound, 50 cts.; per ounce 15 cts.; per package 5 cts.

George P. Winn, Arlington, Mass., writes: "The Evans Triumph celery grew finely and branched nicely. After blanching it came out clear, white and solid."

CELERY.—Continued.

Andrew J. Staples, North Penobscot, Me., writes: "I always recommend your seed, having used them thirty years."

EVANS' TRIUMPH CELERY.

The stalks of this new variety do not grow as large with us as those of the Giant Pascal or Kalamazoo, but are larger than those of Boston Market or White Plume. It has a compact habit of growth, and is a fine keeper. While it is crisp, brittle and tender, it has a stronger celery taste than any other variety. We recommend it as a first-class late keeping sort. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cts.; per ounce, 20 cts.; per package, 5 cts.

Charles Hill, Arlington, Mass., writes: "The Evans Triumph Celery you sent me is very nice. I shall plant more of it next spring."

NEW WINTER QUEEN CELERY.

"This," says the introducer, "is without doubt the most valuable variety of celery for winter and spring use ever introduced, even excelling the celebrated Perfection Hartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known celery. The plant blanches to a beautiful cream white, with ribs perfectly solid, crisp and of a delicious nutty flavor." Price, per pound, postpaid, \$2.20; per $\frac{1}{4}$ pound, postpaid, 63 cts.; per ounce, 20 cts.; per package, 5 cts.

SOME CHOICE VARIETIES OF CORN.

J. S. Chandler, Vermont, writes: "The Gregory's Early Mammoth Corn was sweet, tender and a great yielder, with two to three ears on a stalk."

For full prices, see pages 42-43.

John Morrissey, Orleans Co., N. Y., writes: "At the late county fair I drew five premiums on vegetables grown from Gregory's seeds."

MAMMOTH WHITE CORY CORN.

This has all the earliness of the original Cory, with the great advantage of being decidedly larger in both ear and kernel; it is king of the market, for no other variety can compete with it as an extra early, and thus the market gardener who raises it monopolizes the cream of the early trade. Price, per quart, postpaid, 37 cts.; per package, 10 cts.

WASHINGTON, OR BEAR'S FOOT.

A late variety with ears that spread out at the tip, whence the name. Very sweet and very popular in Boston market. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

GOLDEN SWEET.

Several years ago a golden sweet corn was catalogued (we believe the name was "Gold Coin") to which there were two very serious objections: it was very late, and, besides, had a disagreeable field corn flavor. We now introduce to our customers one that is very early, very sweet, very hardy and of a delicious flavor, one that will become a favorite in every community wherever it is grown. In its rich delicacy of flavor it differs from all the white varieties of sweet corn. Price, per quart, per express, 33 cts.; per quart, postpaid, 45 cts.; per package, 10 cts.

MARBLEHEAD MAMMOTH.

Green ears have been exhibited weighing between two and three pounds. It is among the earliest, sweetest, and largest of all the Mammoth sweet varieties. Probably no other sweet corn will yield as much fodder, and for this reason it is extensively planted, to be fed green or dried. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

NELSON'S YELLOW FIELD.

A superior variety of yellow field corn, originated by Mr. Nelson by crossing the famous Old King Philip on the Early Canada, followed by eight years of careful selecting of stock seed. It is earlier than Longfellow, large kernelled, and very prolific. It is exceedingly popular with farmers who have raised it, and millers say it makes the best meal of any corn they grind. Price, per quart, per express, 25 cts.; per quart, postpaid, 40 cts.; per package, 10 cts.

COUNTRY GENTLEMAN SUGAR CORN.

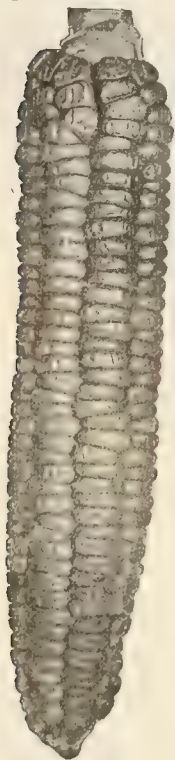
Who that has raised that sweetest of all varieties of sugar corn (which we were the first to catalogue over a dozen years ago under the name of "Quaker Sweet," but has since been renamed "Ne Plus Ultra") has not regretted that the ear was so small as to make it difficult to market it? In this new variety, "The Country Gentleman," we have ears of good market size which retain all the delicious quality of the "Ne Plus Ultra." Cobs small and kernels long. *Our customers will find this to be a decided acquisition either for home use or for marketing.* Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

QUINCY MARKET.

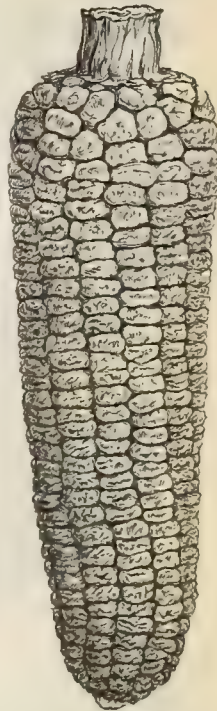
We want every one of our patrons to be sure to plant sufficient of this excellent early corn to test its merits, and if they do not find it of decidedly superior quality to the average of early varieties we will very cheerfully refund their money. Market gardeners who have raised it have no trouble in selling it, for it becomes the favorite table corn after their customers have once tried it. It holds the same rank among the early varieties for sweetness as Potter's Excelsior does among the later sorts. It comes in just after the Cory and just before the Crosby, but is larger than either. Twelve rowed. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

GREGORY'S EARLY MAMMOTH.

This King of the Earlies, as it might well be called, originated from a sport which we found in a field of a dozen acres of Original Crosby. By isolation for several seasons we fixed the type. It ripens just about with the Crosby and resembles it in number of rows, 12 to 16, in shape of kernels and sweetness, but grows to average half as large again. This great size in so early a variety makes it a great favorite with our next neighbor, a prominent market gardener, and will be likely to with every market gardener among our customers when they have given it a trial. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.



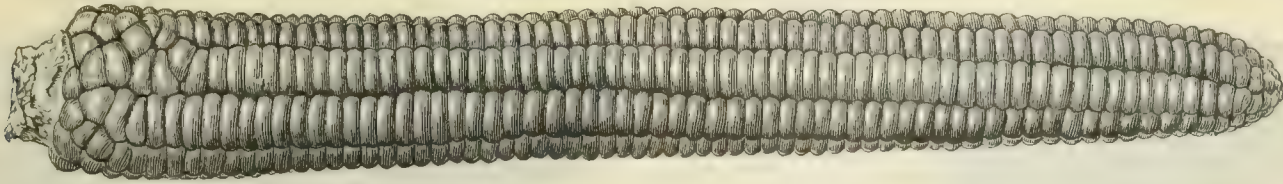
Golden Sweet.



Quincy Market.

CORN—Continued.

LONGFELLOW'S FIELD.



This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two good specimens grow on one stalk. The cob is quite small and the kernels large. It is the largest variety of yellow field corn that we have ever found it safe to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per bushel, per express, \$2.25; per peck, 65 cts.; per quart, postpaid, 40 cts.; per package, 10 cts.

Mrs. L. S. Johnson, Van Wert, O., writes: "My Cumberland cucumbers from your seeds took the first premium at our County Fair."

CUCUMBERS.

George F. Teague, Lexington, Mass., writes: "Would say further that your seeds have this year given perfect satisfaction."

EXTRA SELECTED WHITE SPINE CUCUMBER.



We offer to our customers a new strain of the White Spine which they will find superior, in its fine size and symmetrical shape, to many strains, while in purity it is remarkable, being *perfectly pure*—not a single one off color appearing in a crop covering nearly an acre of ground. *We confidently recommend this strain for hot-house culture.* Per pound, postpaid, \$1.55; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

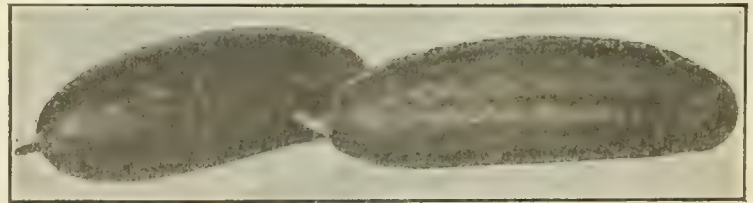
FORDHOOK FAMOUS.

The introducer speaks of it in this wise: "Vines produce an enormous crop, being of unusually vigorous growth. Perfectly smooth and very dark green, the handsome fruits measure twelve to eighteen inches long; they are always straight—never turn yellow, and are extra solid. The beautiful white flesh is firm, crisp, and of most delicious flavor. The flesh seems to be all there is of the cucumber, as the seed space is extremely small. Is sure to supersede soon all other types of the popular Long Green Cucumber. Try it! Gardeners everywhere will want this most handsome of all table cucumbers, both because they bring an extra price on market, are of the white spine type (long remaining deep green), and because the vigorous vines are so very productive."

M. S. Marsden states: "In the thirty years I have been in the business this is by far the most productive and finest cucumber I have ever grown. I easily got double the usual price for them." Mr. Ritter, of Medina, Ohio, states: "The vines are unusually vigorous, and produce a remarkable crop of most beautiful and best long cucumbers." Joshua F. Crowell, of West Yarmouth, Mass., states: "The fruits are more uniform, smoother, larger, firmer and crisper and command a better price than any other variety." Price, per pound, postpaid, \$1.55; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

VICKERY'S FORCING CUCUMBER.

Probably the finest strain for forcing (or outdoor cultivation) in the United States. Every greenhouse man considers himself fortunate if he gets it. After an effort continued through several years we were most fortunate in securing a small stock of seed from Mr. Vickery, for years famous in eastern Massachusetts for the high quality of his cucumbers. It starts with us perfectly pure and we have prefixed Mr. Vickery's name to the strain we offer as a guaranty



that we hold ourselves responsible in the future to so select stock and so isolate it that the highest standard shall be maintained. The characteristics of this fine cucumber are, that while it has retained some of the best traits of the White Spine which is one of its parents, it attains a greater length, holds its rich green color well down to the end and is a wonderful cropper, the ground being almost literally covered with perfect fruit. Market gardeners will find that the cucumber does as well out of doors as under glass. The seed we offer we raised on our own farm. Price, per pound, postpaid, \$5.00; per $\frac{1}{4}$ pound, \$1.50; per ounce, 50 cts.; per package, 15 cts.

GIANT GERMAN.

The white color is peculiarly clear and strong. For all who desire to raise the most attractive variety possible for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. Like all the other mammoth varieties with which we are acquainted it will sometimes sport. Price, per ounce, 40 cts.; per package, 15 cts.

COY'S EARLY CYCLONE.

If the market of any of our patrons calls for an improvement on Improved White Spine in earliness, so much that it is ready to accept it at the cost of a reduction in size, they will find it combined in this "Early Cyclone" of Mr. Coy. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

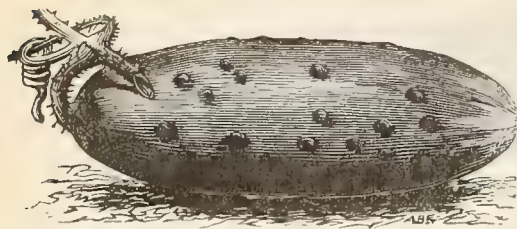
Joel M. Haskins, Trimble, Ohio: "Your seeds are all right and always give me good crops. I thank you for the extras sent me."

Daniel W. Lamb, Mystic, Conn., writes: "Gregory's seeds never fail, they are always reliable."

CUCUMBERS.—Continued.

Moses F. Haskins, Dover, Me., writes: "I received first prize at our County Fair on vegetables grown from your seed"

NICHOLS' MEDIUM GREEN CUCUMBER.



Excellent sort for pickles, and also good for early forcing. Color dark green; flesh crisp; very prolific and always straight, smooth and handsome.

Price, per pound, postpaid, 98 cts.; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

THE CUMBERLAND.

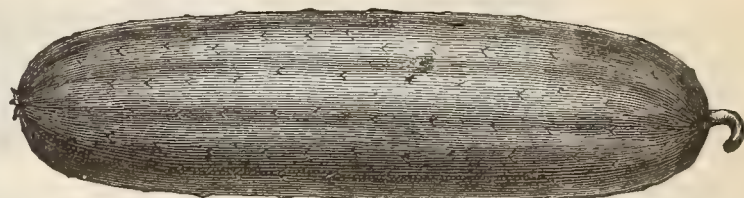
(Novelty of 1903.)

"This variety is of the hardy, white spine type, is a rapid, strong and vigorous grower and very prolific in fruit.

"The pickles differ from all other hardy sorts in being thickly set with fine spines; the form is exceptionally straight and symmetrical, thus being as choice for a slicing variety as it is for pickles."

As a table variety, in crispness and flavor, our better-half concluded she had never found its equal. Price, per pound, per express, \$1.02; per pound, postpaid, \$1.10; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

BENNETT'S WHITE SPINE CUCUMBER. (New.)



This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Per pound, postpaid, \$1.08; per ounce, 10 cts.; per package, 5 cts.

LIVINGSTON'S EVERGREEN.

The New Evergreen is very *hardy* and evergreen, withstanding drought and bearing until frost. A very strong grower, extra early, and of best flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frost killed the vines it really looked as though the whole surface of the ground was covered."

Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

Crawford H. Thomas, Ramsey, Ark., writes: "Your Marblehead Mammoth Cabbage Lettuce is a gem in its way."

FINE LETTUCES.

W. G. Dane, Newport, Vt., writes: "Your Marblehead Mammoth Cabbage Lettuce, also your Hanson, are the finest."

DENVER MARKET LETTUCE.

This on our grounds proves to be what the introducer claims, "an early variety of head lettuce, either or forcing or open ground. It forms large solid heads, of a good, light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong."



Price, per pound, postpaid, \$1.23; per $\frac{1}{4}$ pound, 40 cts.; per ounce, 15 cts.; per package, 5 cts.

SUGAR LOAF LETTUCE.

If you want a first-class, all round family lettuce, try this. Its habit of growth is such that while it branches out (growing under good cultivation, to ten or twelve inches in diameter), it also grows thick and high, thus making a large plant with plenty of heart. Medium green in color, with a fine brown tinge. Of excellent quality, and does not quickly run to seed. We



recommend it as being among the best of summer lettuces. Price, per pound, postpaid, \$1.08; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.

WOLDORF.

The heads are of medium size, hard and open, white and crisp. Does equally well in the open ground or under glass. Heads yellow when cut open. Color light green. Quality fine. Price, per pound, postpaid, \$1.58; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 20 cts.; per package, 10 cts.

The Vickery Cucumber.

We raise this choice variety more especially to supply those with its seed who make a business of growing cucumber under glass and must therefore have the very choicest variety to be found. We sell this seed carefully selected of our own raising to a number of hot-house growers for this special purpose, but as it has proved hardy when raised outdoors we offer it also to general customers who want a *first-class* article. Perhaps a good evidence of its market value is the fact that we sold in Boston market, towards the close of the season, from those of our crop raised in the open air for seed that set too late to ripen, two hundred dollars' worth, getting for a large portion of them \$4.00 per bushel box. They went off "like hot cakes."

Seeds ordered at mail prices, will be sent postpaid by us.

When seeds are ordered to be sent per express or railroad the cost of the transportation will be at the expense of the purchaser.

Ira R. Brown, Mt. Vernon, N. H., writes: "We have always bought our seeds of you and they have always proved to be all that we could wish."

LETTUCE—Continued.

F. W. Gilbert, East Hartford, Conn., writes: "You are the only seedsman that I can absolutely rely upon for purity of seeds."

CABBAGE LETTUCE.—"May King."



This choice variety has proved itself capable of satisfying the most exacting requirements that could be made on an early outdoor Lettuce; while it can also be easily grown in a cold frame. It is not in the least affected by cold or wet weather, grows very quickly and produces even in poor soil splendid, globular heads which are ready 10 to 14 days before any other and stand a long time before running to seed. Externally of a yellowish green with light brownish tinge, the leaves are inside of a golden yellow shade, and in point of flavor unexcelled by any sort. In Germany this Lettuce has been highly appreciated. Wherever grown or tried it is sure to command a brisk sale and become very popular. Price, per ounce, 35 cts.; per package, 15 cts.

THE HANSON.

The Most Popular Lettuce Catalogued.

The cut below shows the inside of this grand old lettuce, "King," as we think we may well call him, as we retail more of Hanson than we do of all the varieties we catalogue, were their pounds all piled up together. Its heads grow to a remarkable size, and are sweet, tender and crisp, even to the outer leaves; the Hanson is free from



any bitter taste found in some sorts. It is not recommended for forcing, but for outdoor cultivation it is hard to beat if grown on ground well manured and well cultivated. Price, per pound, postpaid, \$1.08; per ¼ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.

MARBLEHEAD MAMMOTH CABBAGE LETTUCE.

This makes the largest head of all the lettuce we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover, the heads are as distinctly defined, and nearly as closely wrapped together, as are found in the average Drumhead cabbage. Leaves are lightish green in color. It belongs among the second early. In quality, tender, crisp and free from bitterness.

Mr. Meggatt, the well-known seed grower, writes us: "Planted in my trial grounds, it proved a splendid summer cabbage lettuce; very large, a hard header, good quality and very slow runner up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

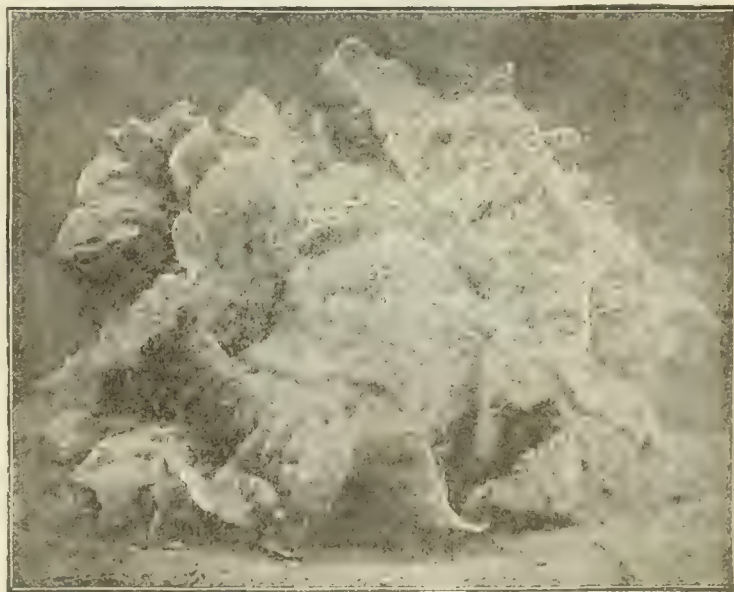


Price, per pound, postpaid, \$1.08; per ¼ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.

MARKET GARDENERS PRIVATE-STOCK.

A strain of black-seeded tennis ball selected with special care for hot-bed and cold frame culture. It makes large, solid heads which stand a long time before sending up seed shoots. Price, per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

GIANT GOLDEN HEART.



Originated from the Giant Crystal Head, this novelty is distinguished by the rich golden yellowish color on the inside of the heart. The outside leaves are dark green; the heads somewhat conical in shape, rather solid and of enormous size, measuring 15 in. across. Price, per ounce, 30 cts.; per package, 10 cts.

The Richardson Pickling Co., Virginia, writes: "We take occasion to say that your seed were true to name and altogether satisfactory."

LETTUCE—Continued.

Read our suggestions on potato raising, page 27.

HITTINGER'S ARLINGTON FORCING LETTUCE.

The very best for forcing for winter and early spring use. Our stock was supplied by one of the leading firms of market gardeners in Arlington, Mass. The junior member of our firm says that in a large section of a greenhouse in Arlington where he saw it growing there was not one head that was "off" in shape or color. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.



DENSITY LETTUCE.

Heads almost as hard as a Wakefield Cabbage. It is a small but all head sort, that will bear planting half a foot apart. Makes fine blanched heads, brittle and delicious. Color, rather dark green, slightly tinged with brown on top of the head; leaves very much crumpled and slightly curled on edges. It is frequently served with root and leaves trimmed off, one plant making a fair amount of salad for one person. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

Let us hear of your experience with some of the extras.

Says Mr. Goff of the New York Ag. Exp. Station: "Your Miller Cream Melon is extremely sweet, rich and delicious, and very distinct."

FINE MUSKMELONS.

Chas. Purrington, Pequabuck, Conn., writes: "The Miller Cream is the very best variety I ever raised; I have a good many friends when melons are ripe."

ROCKY FORD MUSKMELON. (*Rocky Ford Grown.*)



This new variety is of the Netted Gem class; it grows to about the same size as that fine melon, but is rather coarser netted. Green fleshed and of good quality. The Colorado-grown crop which stands at the head of all the muskmelons grown in the country for fineness of flavor, has had a great run in our Eastern markets, for the past two years, to the detriment of our home-grown sorts. We have found the difference between it and Netted Gem so slight that we hesitate to recommend it to those of our customers who are raising that variety. Still, it might be wise to try it on a small scale to determine whether it is an earlier strain. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

NETTED GEM OR PINEAPPLE.

A valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened decidedly the earliest of any of them. Green fleshed, nearly round in form, flavor, delicious, very heavy for its size, which is below the average, *making it a better variety for family use than for market*, yet a tremendous cropper, yielding as many as twenty to a single hill. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

NORFOLK BUTTON.

This is the earliest muskmelon to reach the markets of northern cities such as Philadelphia, New York or Boston. Being the earliest it has full control of the market and sells. It will be found to be earlier than the earliest strain of the Jenny Lind and of uniformly better quality. Price, per pound, postpaid, \$1.08; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

PAUL ROSE.

Of medium size, rather elliptical in shape; netted; salmon fleshed and so thick meated as to be almost solid; quality first-class. It is a cross between the Netted Gem and the Osage (or Miller Cream), two of the best melons for quality ever introduced. A first-class shipper, and in the Chicago market has been quoted at an average of more than double the price of other sorts. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

EMERALD GEM MUSKMELON.



Of the Christiana type, small in size, very early, and in form flat-round. The flesh is of a deep orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor delicious, the melon being always good. Very uniform in appearance. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 35 cts.; per ounce, 10 cts.; per package, 5 cts.

CHAMPION MARKET.

This new claimant for public favor weighs from four to five pounds each. The flesh is light green in color, of a rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It is said to be very productive. It is an excellent shipper and promises to make a first-class market variety. Price, per pound, postpaid, 85 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

BANANA.

This melon surpasses all others in its delicious fragrance. Externally it is of a creamy white, or delicate straw color. The flesh (the melon being nearly solid) is of a rich salmon. The quality is first-rate *when the melons are thoroughly ripe*. It grows from eighteen inches to two feet in length and is very prolific. When ripe it smells like a banana, *having a remarkably powerful and delicious fragrance*; one melon will scent the house. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

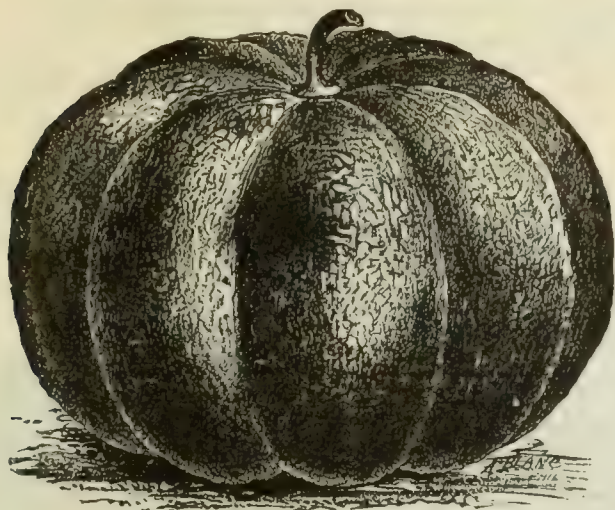
MONTREAL NUTMEG.

This has been raised to weigh over thirty pounds. Exceptionally uniform in shape; netted; flesh green, quality superb. Price, per pound, postpaid, \$1.55; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

For prices in full for bushel and

MUSKMELONS. — Continued.

pound to package, see pages 39 to 51, inc.

SHUMWAY'S GIANT MUSKMELON.

This has been raised to weigh over twenty pounds. The color of the skin is a yellowish green; the shape is nearly round, slightly flattened. The flesh is a light salmon in color. Quite thick meated. *It suggests in quality a cross between a muskmelon and a cantaloupe.* It ripens clear to the skin. A large showy melon, and likely to take well in any market. Prolific and remarkably pure. The seeds are the largest of all the muskmelon class. Price, per pound, postpaid, 95 cts.; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

LEWIS PERFECTION.

We present a cut from a photograph supplied by Mr. Lewis, of Pontiac, Mich., its originator. Shape, nearly round; as thick on blossom end as on the side. Color, dark green until it begins to ripen when it turns partly yellow. Slightly netted. The green and gold color interspersed with the fine netting makes it the handsomest fruit imaginable. Very prolific, a rampant grower, a few days earlier than Osage fruit; averages from eight to fifteen pounds; has been grown to weigh thirty-five pounds. Writes Whitfield & Young, grocers of Pontiac: "Lewis's best muskmelon sells more readily with us at 25 cts. each, than the best Osage Melons do at 10 cts." Mr. A. C. Thompson of Rocky Ford, Colo., despite the fact that he is making a fortune selling the Rocky Ford Melons, says: "There is a melon grown by a man named Lewis which is said to be the most luscious and of the finest flavor of any found in the world. I had a small one at the Waldorf-Astoria Hotel and paid one large shining Rocky Ford dollar for it. It was a stiff price, but knowledge is cheap at 100 cents. That Michigan melon made all of the fruit from Rocky Ford appear at a discount." Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 60 cts.; per ounce, 20 cts.; per package, 10 cts.

A. H. Wade, Richmond, Me., writes: "I have always found your seeds true to name and first-class in every respect."

CHOICE WATERMELONS.

Wm. J. Kelly, Attica, Ohio, writes: "Your Cole's Early is the best watermelon in the world for family use."

SEMINOLE WATERMELON.

This new melon originated in Florida, the land of melons as well as flowers. It sports from gray to green in color, but all are of the same size, shape, flavor, etc. It is said to possess four distinguishing qualities; it is *extra early, extra large, enormously productive, and of most delicious flavor.* Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

MONTE CRISTO OR KLECKLEY'S SWEETS.

We introduce this new melon as a splendid sort for home use or near markets, as the flesh is so tender it won't bear even a light jar without bursting open. Vine vigorous and productive; fruit of medium size, oval; color, dark mottled green in two shades, forming indistinct stripes; flesh very bright, rich red and exceedingly sweet. Per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

THE MILLER CREAM MUSKMELON.

This melon, *which we were the first to name and catalogue*, has deservedly become exceedingly popular, probably more so than any other muskmelon now before the public. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger and maturing a little later than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured. The vine is a strong grower, and fairly productive. Price, per pound, postpaid, \$1.33; per $\frac{1}{4}$ pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.

**Lewis Perfection Muskmelon.****FLORIDA FAVORITE WATERMELON.**

Mr. Girardeau, of Florida, who originated this variety, thus describes it: "In shape, it is oblong; in coloring, green and white stripes blended; flesh, light crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb's Gem, and Iron-Clad, all having been planted at the same time." Seeds rather small and of a creamy white color. Price, per pound, postpaid, 80 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

DUKE JONES.

This is a nearly round variety, of enormous size, of surpassing quality, and excellent shipper. J. R. Wilder, of Anthony, Fla., writes: "In our judgment, the Duke Jones is destined to supersede all varieties as a shipper as well as a local market melon. It has every desirable quality." Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

For full prices of

WATERMELONS—Continued.

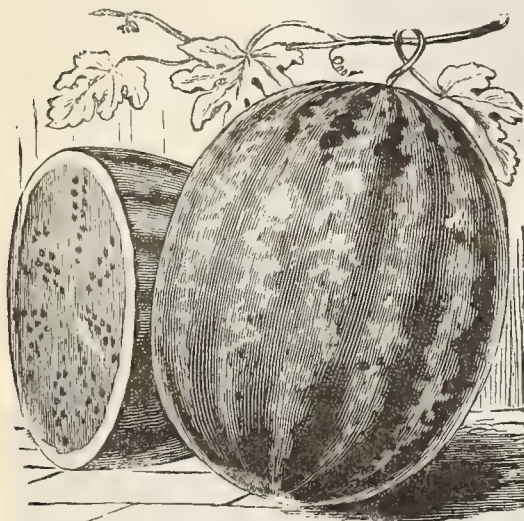
Vegetable Seed see pages 39, 51.

THE MONSTER WATERMELON.—“THE TRIUMPH.”

The above is the better name for a new variety of watermelon, which Mr. Girardeau introduced under the name of “Triumph.”

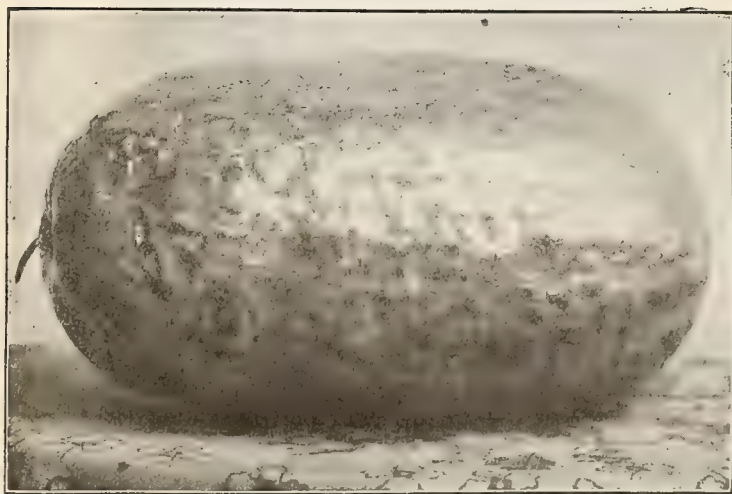
Mr. Girardeau's statements relative to the enormous weight of his melon are supported in letters from the governor of Georgia, the editor of the *Atlanta Journal*, and other men of repute.

He adds: “The Triumph is not only a monster in size (a single specimen of the largest filling a flour barrel), but it is very prolific, early, and of delicious flavor. Moreover, it is a capital shipper, carrying as well long distances as Kolb's Gem or any other variety.” Price, per pound, postpaid, 70 cts.; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

COLE'S EARLY.

Cole's Early is one of the finest melons ever offered, for the amateur and for the home market. Being somewhat brittle, it will not do for shipping purposes. *It is very early*, and will mature in every State; very hardy, vigorous, and a sure cropper. Sweet and delicate, flesh a deep red color; the rind is thin and the quality of the flesh is sustained clear to the rind. The melons are of medium size, nearly

round in shape, rind green, striped with lighter shades. Price, per pound, postpaid, 70 cts.; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

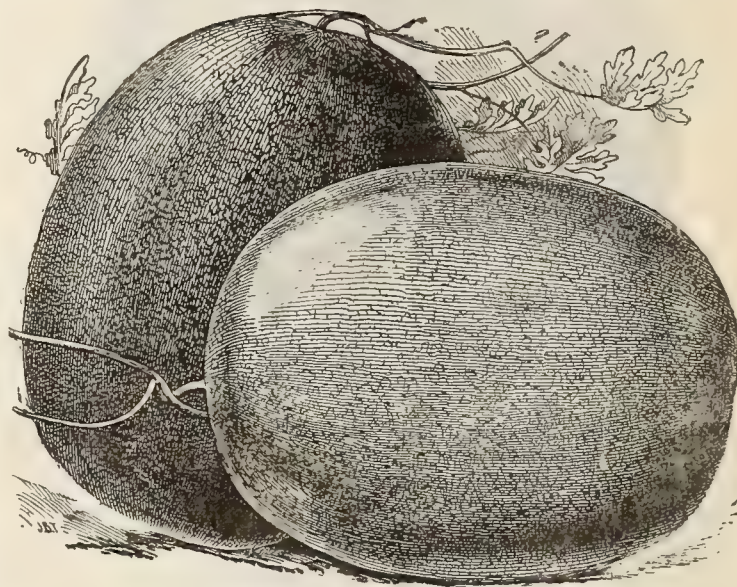
SNOWBOUND

Of the Snowbound Mr. Corry, the great melon raiser, writes us: “During the many years I have devoted to the growing of melons for the seed trade, I have grown but few varieties that have impressed me so favorably as Snowbound for both shipping and home use. The vines are very vigorous and heavy bearers of large, gray, oblong melons, with rind tough enough for good shippers, while the flesh is tender, sweet, and of fine flavor and destitute of the hard spots that some melons have that are characterized as shippers.” In size it is from large to very large. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.

SWEET HEART WATERMELON.

A large, handsome, heavy melon, a good shipper, long keeper, of bright color and best quality.

“Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green.



Rind thin, but firm. Flesh bright red, firm, solid, but very tender, melting and sweet. Fruit remains in condition for use longer than most sorts. Seeds gray.” Price, per pound, postpaid, 65 cts.; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

DARK ICING.

One of the best of melons, possessing a delicious flavor. There are two varieties, — a light and a dark skinned, — differing in color only. Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

KOLB'S GEM.

Kolb's Gem has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. Flesh of a bright red color, it ranks high for flavor. Nearly round in shape, striped with light green and grows to weigh from twenty-five to fifty pounds. Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

DIXIE.

A Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness. One grower realized \$200 per acre, another got \$30 to \$40 per hundred, a third declares it the best in his thirty years of experience;



a fourth counted a dozen ripe to a hill, and a fifth took first premium at the Illinois fair. Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

“I am advised to send to you for seeds. A friend says yours are the best in the United States, and I desire to try them.”

JAS. M. CROFUT, Beaufort, S. O.

SUPERIOR ONION SEEDS.

For Full Directions for Raising Onions, see our Treatise on Onion Growing, - - Sent to any Address for 30 Cents.
As a Rule, Red Onions are Superior to the Yellow Varieties for Table Quality.

PEDIGREE ONION SEED.

We still continue to raise our Pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in windrows, and dry enough to house, on their hands and knees, to select out the driest, and therefore the earliest, the thickest, hardest, and best-shaped onions; all to be of good market size. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market.

We would invite any onion planter to visit our seed farms, at Howe's Station, Mass., and examine our seed onions.

There is onion seed and onion seed, but the Danvers Onion seed that we offer is grown from carefully selected stock in the very Danvers where that onion originated or the towns bordering it, and if that supply is exhausted then from New England grown stock which is the very best raised in the United States. A few dollars an acre invested in seed of extra quality is many times made up in the crop raised from them.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be inbred in a cow or any class of animals. What is possible to attain to in this matter our customers find in our onion seed, as shown in the extracts from letters given below.

Mr. E. Proctor, of Iowa, writes: "From the one ounce of your late Globe Danvers we last year raised 19 bushels (at the rate of 1200 to the acre) of the largest ones I ever saw. They averaged nearly a pound apiece."

D. W. Spangler, of Boulder Co., Col., writes: "I can buy Colorado grown onion seed for \$1.00 a pound; but your Early Round Yellow Danvers gave me double the crop."

M. W. Chapman, Stark, Me., writes: "From onions grown from your Early Round Yellow Danvers Onion seeds, I took the first premium at our Sandy River Fair."

John Lyons, Penfield, N. Y., writes: "The Early Round Yellow Danvers Onion seeds I got from you last year did first rate. On five and one quarter acres of land grew 5400 bushels."

SOUTHPORT WHITE GLOBE.

About as white and handsome as a newly made snowball; sells at a higher price than other sorts. Too late to grow safely north of Massachusetts. A tremendous cropper; we have raised these at the rate of 1300 bushels per acre. To get a very fine white onion, pull just as they begin to go down and dry in an airy and shady place. The white class of onions are not as good keepers as the red and yellow sorts. Price, per pound, postpaid, \$3.08; per ¼ pound, \$1.00; per ounce, 30 cts.; per package, 5 cts.

SOUTHPORT YELLOW GLOBE.

(Also known as Late Danvers Globe.)

In this we have a variety precisely like the Southport White and Red in shape, differing from them in color only. It may be defined as a late Globe Danvers, a larger cropper than the Early Round Yellow Danvers. It has matured well as far north as Central Massachusetts. The Southport Globes always command the highest prices in the New York market. Price, per pound, postpaid, \$2.50; per ¼ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.



EARLY ROUND YELLOW DANVERS ONION.



PHOTO. OF OUR EARLY ROUND YELLOW DANVERS ONION, TAKEN IN THE FIELD.

We have by careful selection increased the roundness of our Danvers Round Yellow until it now is a fine, large, thick onion. The Danvers onion does best on a gravelly loam, making harder and brighter colored bulbs than on heavy, dark or mucky soil, while it keeps better. If to be raised on muck, the land should first receive two hundred loads per acre of gritty soil. Price, per pound, postpaid, \$2.50; per ¼ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

LARGE FLAT WHITE ITALIAN.

Our customers will find it to be an extra large, extra early, white onion, that bottoms down well and is nearly entirely free from scallions. *Its sphere is as an extra early fall onion.* For this purpose it is decidedly an acquisition. Price, per pound, postpaid, \$1.50; per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

SOUTHPORT LATE RED GLOBE.

Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late and we do not recommend it for north of Central Massachusetts. Price, per pound, postpaid, \$2.25; per ¼ pound, 63 cts.; per ounce, 25 cts.; per package, 5 cts.

WHITE DUTCH EARLY ROUND HARD PICKLING.

The White Dutch is the beau ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. *It is the only one used in the immense pickle factories of England and France.*

For pickles you, need to plant thickly, at the rate of 30 pounds or more per acre, to produce the small pickling size. Price, per pound, postpaid, \$1.75; per ¼ pound, 53 cts.; per ounce, 20 cts.; per package, 5 cts.



SUPERIOR ONION SEED.—Continued.

THE EARLY YELLOW CRACKER ONION.



Is the earliest of all our yellow sorts and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down, and handled as carefully as an apple. Price, per pound, postpaid, \$1.75; per $\frac{1}{4}$ pound, 53 cts.; per ounce, 20 cts.; per package, 5 cts.

YELLOW GLOBE DANVERS. (Western grown.)

We again catalogue the same grade of Danvers Onion Seed sold by seedsmen in general. This will vegetate first-rate and produce such Danvers onions as are usually found in the market. Price, per pound, postpaid, \$1.33; per $\frac{1}{4}$ pound, 40 cts.; per ounce, 15 cts.; per package, 5 cts.

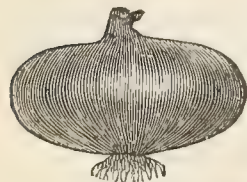
EARLY RED GLOBE DANVERS.

This variety, though it has had the name "Globe" given it, is a thick, flat, rather than round onion. In our trial grounds we have found none of the varieties of Red Globe equal in bottoming, earliness, and cropping qualities, to our Early Red Globe Danvers. This onion is not as well known as it ought to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winningstadt cabbage is to make a head. Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.



LARGE RED WETHERSFIELD.

This is the famous old standby, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, but has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. Price, per pound, postpaid, \$1.50; per $\frac{1}{4}$ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.



PRICES OF ONION SEED.

See note at foot for prices for quantities. See also page 46.

These quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8 cts. extra per pound for postage.

We offer onion seed this year at the following rates:— Per lb.

Early Round Yellow Danvers (our New England strain).....	\$2.42
Early Red Globe Danvers (our New England strain).....	2.42
Early Yellow Cracker (our New England strain).....	1.67
Early Flat Red (our New England strain).....	1.67
Southport White Globe (our New England strain).....	3.00
Southport Yellow Globe (our New England strain).....	2.42
Southport Late Red Globe (our New England strain).....	2.17
Wethersfield Large Red (our New England strain).....	1.42

In case 10 pounds or upwards of any of the above are taken, the price will be 25 cts. less per pound.

Directions for Cultivating the New Hardy Winter Onion.

If to remain as sowed, plant as early as September 7; if it is intended to transplant, then as early as July 7, and transplant about six weeks later. Thin to two inches apart. Be sure to manure as liberally as for transplanted sets.

EGYPTIAN OR PERENNIAL TREE ONIONS.

Set out in August or September without the slightest winter protection, these will come up as soon as frost breaks ground, and grow so rapidly that they are ready for use two or three weeks before onions from seed. The bulbs are irregular, just like those called "rare ripes." They are larger the second year. They are unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, and should be planted in the fall.



They will be sent out in August or September, as soon as ripened. Price, per quart, postpaid, 37 cts.; per express, 25 cts.; per package, 10 cts.; per peck, per express, 75 cts.; per bushel, per express, \$2.50.

NEW HARDY WINTER ONION.



This new white onion will be likely to sound the death knell of onion sets, for *who will be likely to be at the great expense of buying and the costly labor of planting them when they can obtain better results by planting the seed of a variety that is so hardy that it will live over winter in the open ground without any protection, and produce early bunch onions, A FORTNIGHT EARLIER THAN THEY CAN BE RAISED FROM SETS?* Think of the great difference in cost between buying 10 bushels of sets at the cost of \$50.00 and the expense of handling one by one and setting out, which involves several days of quick, back-breaking work, while here is only the cost of four pounds of onion seed! This variety does not run to seed. Price, per ounce, 45 cts.; per package, 15 cts.

Writes Mr. Ira W. Adams, of Napa Co., Cal.: "The new onion was a great success. I sowed the seed 1st of August, and transplanted the sets early in October. Several of the onions weighed over a pound. I have been buying seed of you for over 33 years, and have always found them as represented."

Writes Mr. George Goss of Marblehead: "They lived through the winter without any protection, and we began bunching May 31. A grand success."

Gregory's Excelsior, the leader
of the wrinkled dwarfs.

SOME CHOICE PEAS.

Gregory's Surprise, the earliest
wrinkled. No earlier round pea.

GREGORY'S EARLY EXCELSIOR PEA.



This valuable new pea must not be confounded with Nott's Excelsior, which we introduced several years ago. It differs from it in several very important particulars which every market gardener will appreciate: 1st, it is decidedly earlier than its American cousin; 2d, the pods and peas are decidedly larger, and 3d, the vines, while of the same height, are stouter; while 4th, it is decidedly a better cropper. We especially recommend it as an excellent sort to plant between rows of strawberries. Price, per peck, per express, \$2.50; per quart, per express, 40 cts.; per quart, postpaid, 55 cts.; per package, 10 cts.

THE GRADUS.

This is undoubtedly the earliest of all the large podded, wrinkled peas yet introduced, being as early as those of the Alaska class, and but a few days later than the Surprise. We do not find it to be a heavy cropper, but the large size of the pod, the quality of the pea, with its extreme earliness, make up a trio of good reasons for its introduction as a decided acquisition into the family garden. Price, per peck, per express, \$2.50; per quart, per express, 40 cts.; per quart, postpaid, 55 cts.; per package, 10 cts.

THOMAS LAXTON.

This fine pea very closely resembles the Gradus in size of pod and peas; the pod is of a darker color. Mr. Laxton considers it earlier than Gradus; in our trial grounds we could see no difference in this respect, but it appears to be a better cropper.

Price, per peck, per express, \$2.50; per quart, per express, 40 cts.; per quart, postpaid, 55 cts.; per package, 10 cts.

Rev. J. Reynard Lawrence, Lanesboro, Mass., writes: "Your Admiral Dewey Pea is a beauty. I grew pods of it four and occasionally five inches in length, all well filled and of delicious flavor."

GREGORY'S SURPRISE PEA.

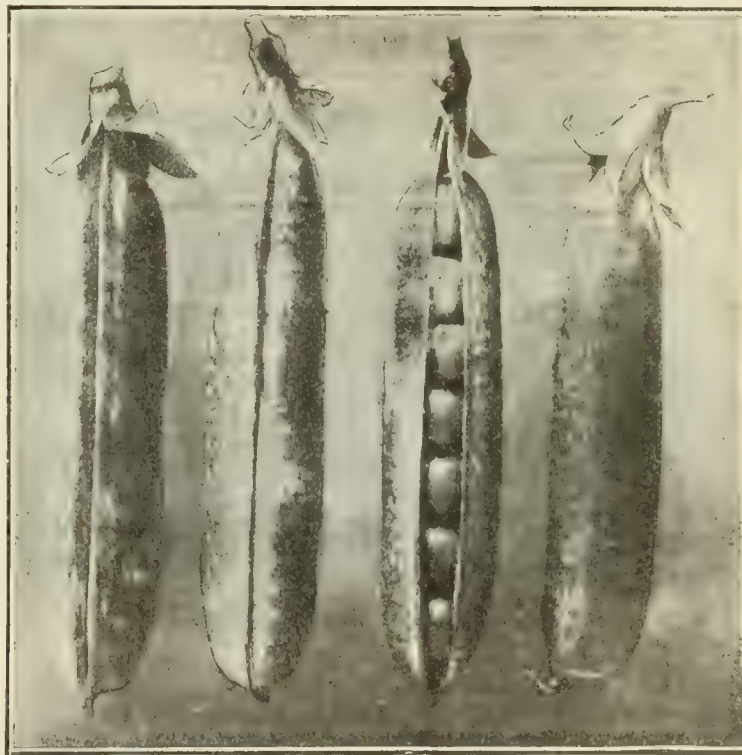
This new pea, which we named and introduced, is the earliest of all the wrinkled sorts. It will be found to be even earlier than the Alaska and Maud S. The vines grow 20-24 in. in height and need no sticking. Pods are not as large as the American Wonder, but far more numerous, while they are ready for market days before it. Though full as early as the earliest hard sorts, it has the delicious sweetness which belongs only to the wrinkled varieties.

This pea is sometimes confounded with the Station and Eclipse, but it had a different origin and has a distinct individuality, which will be shown on comparing the two in the field, when a greater difference will be found than exists between many of the earliest of the hard peas. Price, per peck, per express, \$2.00; per quart, postpaid, 50 cts.; per package, 10 cts.

ADMIRAL DEWEY.

Its originator, who is a pea grower of the largest experience, declares it to be "without exception the largest podded pea of which we have any knowledge," and when to this is added heavy cropping and richest quality, it can readily be seen that it stands at the head of its class. Height, 3½ ft.; foliage, vine and pod a rich dark green. Remarkably healthy and vigorous, producing abundance of pods of largest size, sometimes six inches in length, well filled with peas of largest size, tender and of first-class flavor. Undoubtedly the best of all the class of long vine, large podded, wrinkled peas. In our experimental grounds this was the best of all the late varieties in cropping. Price, per peck, per express, \$2.00; per quart, postpaid, 50 cts.; per package, 10 cts.

PEDIGREE EXTRA EARLY.



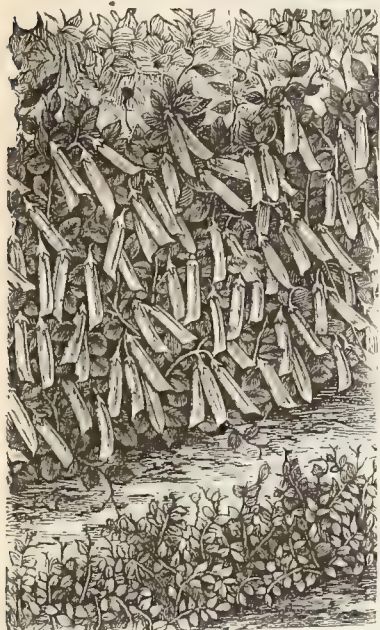
The Pedigree Extra Early is the purest strain of very early peas ever offered to the trade. The pods are good length and well filled and the strain is prolific, exceptionally uniform in growth, and free from sports. It is, without question, the best strain of Extra Early peas ever offered to the trade. Price, per peck, per express, \$1.40; per quart, per express, 25 cts.; per quart, postpaid, 40 cts.; per package, 10 cts.

Mrs. Ellen T. Proctor, Randolph, Mass., writes: "We picked 5½ bushels of green peas from 2 quarts of seed of your Admiral Dewey, treated with nitro-culture, planted the first week in May, in fair soil, rather moist, and given ordinary field cultivation."

For prices per Bushel

SOME CHOICE PEAS. — Continued.

please see page 47.

THE MARBLEHEAD EARLY MARROWFAT PEA.

An old friend with some of our customers which they will say is well worthy of being introduced to our new patrons. We will venture to say that every one of our customers who has raised this Marrowfat pea had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they get more pickings from it than from any other. This was our own experience. Having raised it on a large scale, we are ready to indorse the following points claimed by its originator:—

"1.— With ordinary cultivation it will outyield any variety. 2.— It will do better than any variety on thin land. 3.— It remains a long time in bearing. 4.— Its large, well-filled pods make it very valuable as a market gardener's pea. 5.— The quality is first-class; so all who have eaten it testify. *Picked early*, they are as sweet and delicious as Little Gem or American Wonder. 6.— It is an extra strong grower. 7.— It will stand drought better than any other variety."

What one old customer says: "I planted less than one pint of your Marblehead Marrowfat Peas and gathered over four bushels of the nicest peas I ever saw. The average height was seven feet and the vines were covered with peas from top to bottom. I have raised peas for over fifty years and after testing scores of kinds have come to the conclusion that there is no pea, take it all round, can compare with Marblehead Marrowfat. I am at this time 73 years old."—G. B. HOWLAND, Whitman Mass.

Per peck, per express, \$1.20. Per quart, postpaid, 40 cts.; per package, 10 cts.

CLAUDIT.

This is one of the best of the many new sorts. It comes in just after Gradus, which it decidedly excels as a cropper and in length of pods; in some of these we counted nine peas, which, as every gardener knows, is very rare among American-grown varieties. The peas are blue-green in color, sweet, tender, and of a rich flavor. Vine about 3 ft. in height. Its splendid cropping qualities and the extra size of the pods will please everybody. Price, per peck, per express, \$2.10; per quart, postpaid, 50 cts.; per package, 10 cts.

What E. W. Harrington, Watertown, Mass., thinks of Gregory's Excelsior Pea: "It beats everything in the way of peas I have ever raised. I have raised Nott's Excelsior, Thomas Laxton, Gradus, Alaska, Clipper and Telephone, but Gregory's Excelsior is a corker, and I shall use it exclusively this season."

WONDERFUL POTATO.

This is the new variety for which \$300 was offered for a name. Yields have been reported up to 875 bushels per acre. We were exceedingly pleased with the crop raised on our farm. It proved to be a heavy cropper, yielding potatoes of large size and good shape. The eyes were close to the surface. They had that rich russet-brown skin with its fine network that is so attractive to the eye. Their shape is medium oblong. They all cracked when cooked, were very mealy and were nice flavored. Medium late. Our customers cannot fail to like this new comer.

Our Annual County Fair closes to-day, and we have taken 28 First and 5 Second Premiums on vegetables grown from your seed. We could have taken half as many more, but the others were not on the premium list, and therefore could not be awarded a premium. We got everything worth getting.—PECKHAM BROS., Norwich, Conn.

If you want a magnificent bed of Pansies, plant Gregory's Special Mixture. See page 59.

NOTT'S EXCELSIOR PEA.

This has gained the position of the standard first early pea. It is as early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows half taller than the American Wonder, and is a *much heavier cropper*. Price, per peck, per express, \$2.10; per quart, postpaid, 50 cts.; per package, 10 cts.

THE HEROINE.

This is one of the large-podded, large pea class, *though the vines grow but 2½ feet high*, medium early green, wrinkled. *The pods are of large size, well filled, long and pointed*, containing from six to nine large peas. Quality the very best. Mr Chas. E. Pecker, one of our best market gardeners, writes: "I find the type of the Heroine pea to be thoroughly fixed. It is a fine pea for the most critical market gardener." Price, per peck, per express, \$1.35; per quart, postpaid, 40 cts.; per package, 10 cts.

EARLY MORN.

We have tested this splendid new variety for two seasons on our experimental grounds with scores of other varieties including Thomas Laxton and Gradus and this is our verdict. *It is earlier than either Thomas Laxton or Gradus*. All three were planted side by side May 5, and a mess was picked July 4 (60 days) from the Early Morn, when there were but a few straggling pods as well filled on the two other varieties. We found that not only is Early Morn earlier, but it has larger pods and is decidedly a better cropper than Gradus—and Mr. Frisbie, of Milford, Conn., writes, that this was his experience with it. The pods are not quite as dark green as Gradus. Let us not forget that it has the additional advantage of being a dwarf variety, with three splendid traits. 1st, Pods and peas extra large. 2d. It is a great cropper. 3d. It is the earliest large wrinkled pea in cultivation. Price, per peck, per express, \$2.75; per quart, postpaid, 65 cts.; per package, 10 cts.

See also page 26.

POTATOES.

For prices please see page 28.

RAISING POTATOES — A FEW SUGGESTIONS.

We get most satisfaction from crops raised on clover sod inverted after the second season. By using 1500 pounds of a good potato fertilizer, half well harrowed in broadcast and half thoroughly mixed in the drill, we get a grand crop of nice large, smooth potatoes. Bradley's Potato Fertilizer has given us great satisfaction. There are four ways of fighting the rot fungus: 1. Keep out of wet land. 2. Plant red-skinned varieties if possible. 3. Plant early sorts that mature just before the advent of the dog days which are great breeders of rot. 4. In fighting the bugs always mix your Paris green in the Bordeaux mixture. Two eyes every fifteen inches are sufficient seed for vigorous sorts. Whole potatoes are safer to plant than pieces if the weather should turn cold and rainy after planting or on the other hand be exceptionally hot. By running the plow two or three times in each furrow before planting, the crop will be increased about 20 bushels to the acre. A soaking for an hour in dissolved corrosive sublimate, we find will kill the scab, or a rolling of the cut seed in sulphur will prove nearly as effective. Potatoes keep better in a cool rather damp cellar.

NOROTON BEAUTY POTATO.



The following rather remarkable claims are made for the Noroton.
It is the earliest Potato ever grown.

It is the most productive extra-early, yielding as heavily as any of the medium early sorts.

It is handsomer in appearance and more uniform in size and shape than any other variety.

Its table quality is superb and it keeps longer than any other sort, early or late.

It is the best all-round Potato in existence.

These claims are endorsed by E. L. Coy, who originated the Beauty of Hebron and C. L. Allen, the distinguished botanist and seed grower. Mr. Coy declares it to be "the earliest variety having market value that he has ever known. Planted May 14 they were in fine condition for table July 14, no other variety having tubers larger than walnuts. Shape round; color white with a slight splashing of pink."

Mr. C. L. Allen states: "It is from 5 to 10 days earlier than Bovee or Ohio. We find that the tubers cook dry and are of fine flavor, which would be inferred from the fact that it came from the Peach Blow, which in its day was the most floury potato known." Mr. Ingalsbee finds it to be "sixteen days earlier than Early Rose."

Robert Blackburn, of British Columbia, writes: "From the one pound Noroton I dug 65 pounds. Quality very nice."

My neighbor, Mr. Amos Alley, says: "In size, earliness and yield, you can't over-praise it."

GREEN MOUNTAIN.

The tremendous cropping qualities and excellent quality of this standard sort are so universally known to our customers, that there is no need of our spending ink and paper to set them forth. It has been sold by some dealers in seed potatoes (who preferred money to a good conscience) for Delaware, they being much alike in form and yield, but the Delaware is a much earlier potato. The two faults we have found with Green Mountain are its lateness and tendency to rot in seasons when blight prevails. The Green Mountain is one of the heaviest cropping varieties and especially when northern grown of very fine quality.

EARLY SIX WEEKS POTATO.

This potato grows so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use, *in six weeks from time of planting* and mature in between ten and eleven weeks. We find it a fair yielder and though not so extraordinarily productive as some claim, still a *good cropper for so early a sort*. It revels in moist land.

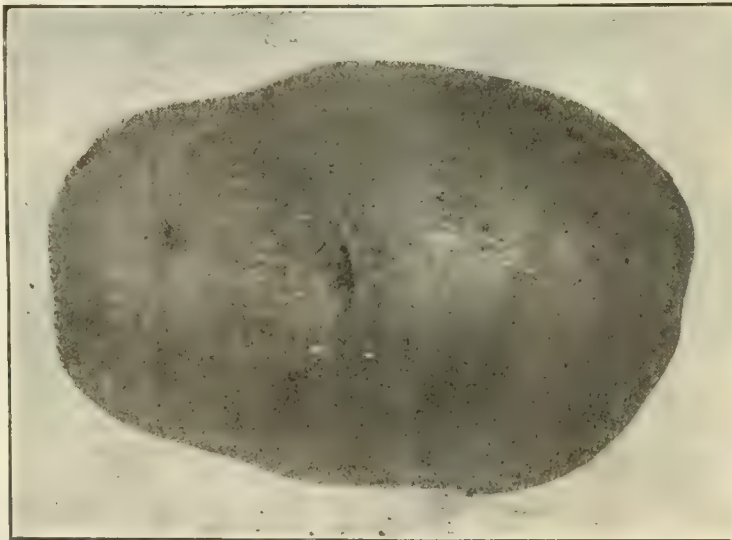
Ten dollars per bushel would not buy my Early Six Weeks Market potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits.

JACOB E. STILSON, Onondaga Co., N. Y.

EARLY ROBERTS.

This fine early potato, a sport from the new Queen, has given great satisfaction at the Ohio and other Agricultural Colleges, where it has been tested side by side with numerous other varieties. Many market gardeners have had the same successful experience. They state that they can be all marketed before Beauty of Hebron is ready to dig.

GOLD COIN POTATO.



"That's a great potato you have there, Mr. Gregory," said one of our oldest hands who had helped dig the crop. He did not refer to size but to the general excellence of the crop, and he was right. We don't know of any potato now before the public that, take it all round, equals it. We don't see why any farmer with fair soil in fair condition cannot raise 325 bushels of Gold Coin to the acre, which was our crop, if he uses 1500 pounds of some good potato fertilizer to the acre (we used Bradley's), 800 well mixed in the drill and 700 harrowed in, which gave us our crop. One of the best things about it was that about every potato was of good market size and none were excessively large. For table use wife believes Gold Coin is hard to beat, in mealiness and rich flavor. The tubers are finely shaped as the engraving shows; are white skinned and have that rich, russety appearance which is the delight of every potato grower. Give this potato but a fair chance and it will return 300 or more bushels to the acre to every farmer.

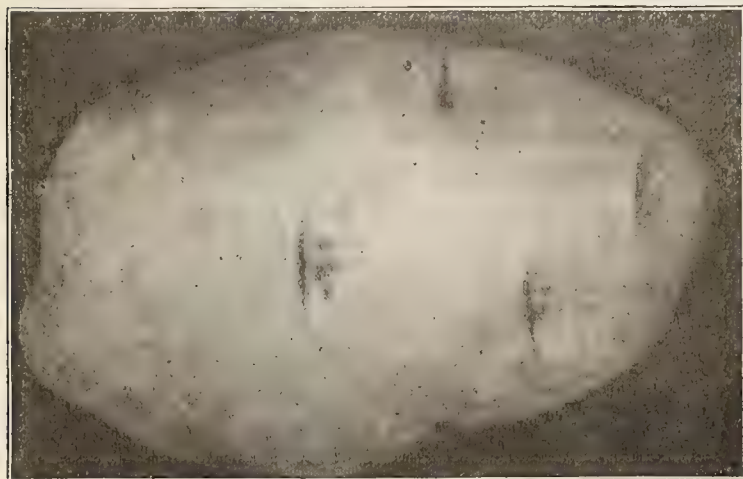
H. G. Lewis, Whiteside, Mo., writes: "The early Fortune potatoes that we got from you last year,

POTATOES. — Continued.

eleven in number, made over four bushels of fine potatoes. We were agreeably surprised."

CLARK'S PRIDE POTATO.

This variety must not be confounded with Clark's No. 1 which we introduced several years ago.



With the exception of the Noroton we do not know of any potato we would recommend for general merits as an early variety in preference to Clark's Pride, which we illustrate with a specimen taken from our crop of this season. While as early as New Queen, Thoroughbred and Early Harvest it is of better quality and a first-class cropper for an early sort, yielding 250 bushels to the acre on our grounds last season on fertilizer only, on ground that we cropped with corn the year before which we also raised on fertilizer alone. We used on the Clark 1500 pounds of Bradley's potato fertilizer, 800 in the hill thoroughly mixed with the soil and 700 broadcast and harrowed in. A very strong recommendation for Clark's Pride is its superior quality for the table; it proved to be the best of 40 varieties grown side by side. The vines are stout, healthy, not subject to blight; the tubers are white with eyes close to the surface, shape very symmetrical. Price, per bbl., per express, \$4.50; per bush., \$2.25; per peck, 80 cts.; per mail, postpaid, 70 cts.; 1 lb., 30 cts.

EARLY NORTHER.

A seedling raised from a seed-ball of the Early Rose. In shape, color, and season of ripening it very closely resembles the Early Rose, but it is earlier and more prolific. Likely to become as popular as the New Queen.

N. G. Kilborn, Douglas County, Minn., writes: "This has been a very poor season for potatoes, but, nevertheless, from one barrel Early Northern, bought from you last spring, I harvested 147 bushels."

NEW QUEEN.

Very early, a capital cropper, yielding fine, large tubers. Under high cultivation, there are almost no small ones. In quality, most excellent, the flesh being a pure white and of a sparkling, mealy texture.

THE DELAWARE POTATO.

A Valuable Potato.



It is seldom we find such a combination of size, yield and quality in any potato. A professor in one of our agricultural colleges recently told us that he dug a carpet-bag full from a single hill, and a day or two after a farmer stopped me to say that it was the finest eating potato that he knew of. The average form is shown in the engraving. It is medium early; in size it is large, being above the average; the skin and flesh are white; in yield it is a remarkable cropper, while in quality it is first-rate, being dry and mealy. It is one of the few varieties that do well on all kinds of soil. Every farmer who has tested the Delaware has become enthusiastic in its praise.

F. A. Gray, Philbrook, Montana, writes: "From the 3 pounds of Delaware potatoes, from you last year, I grew 221 pounds, some weighing 1 1/4 pounds."

H. M. Turner, Wentworth, N. H., writes: "From the 1 pound of your Delaware potatoes, from you, I grew 90 pounds of fine tubers."

EARLY FORTUNE. (New.)

We have raised this potato on a large scale, and find it to be a very early sort and a splendid cropper. They are of good quality and cook dry. Our customers can make no mistake in planting the Early Fortune. It will give the best results, if cut to single eyes and these are planted twelve to fourteen inches apart on land that has been liberally manured. The extra profit of the early market is what we are all after, and it is these extra early varieties of potatoes that bring it. In our own experience we are not prepared to say that either the Early Roberts or the Early Fortune are earlier than Early Six Weeks, but we find that they yield much better and that the tubers are less liable to scab or rot.

PRICE LIST OF POTATOES. (Per Express or Freight at Purchaser's Expense for Charges.)

We will supply up to and including three varieties in one barrel at barrel rates.

We would advise our customers at the South to order potatoes in the fall, as there is more or less danger of their being injured by frost if forwarded between December 1 and April 1. While, therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser, but if any customer wishes to order them before April 1st and is willing to take the risk of freezing we will ship them at any date requested.

If Ordered per Express, Customers can Deduct 8 cts. per Pound from Mail Prices Named Below.

POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.	POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.
Clark's Pride.....	\$4 50	\$2.25	\$0.80	\$0.70	\$0.30	Six Weeks.....	\$4.00	\$2.00	\$0.70	\$0.60	\$0.25
Gold Coin.....	4.50	2.25	.80	.70	.30	Early Northern.....	4.00	2.00	.70	.60	.25
Noroton Beauty.....	8.00	3.25	1.00	.80	.35	Queen.....	4.00	2.00	.70	.60	.25
Noroton Beauty, second size.	7.00	2.85	.85	.70	.30	Delaware.....	4.00	2.00	.70	.60	.25
Wonderful.....	4.00	2.00	.70	.60	.25	Beauty of Hebron.....	4.00	2.00	.70	.60	.25
Early Roberts.....	4.00	2.00	.70	.60	.25	Early Rose.....	4.00	2.00	.70	.60	.25
Early Fortune.....	4.00	2.00	.70	.60	.25	Green Mountain.....	4.00	2.00	.70	.60	.25

GIANT PERPETUAL SPINACH SWISS CHARD.

This, though a variety of Chard, is to all practical purposes a giant spinach, the huge curled leaves being tender and cooking readily with a decided spinach flavor. Its great merit is that it will supply the greens from spring until late in the fall. The large midribs can be cooked and served like asparagus.

Mrs. E. C. Main, Marblehead, writes: "To-day we cooked it. It tasted as good as

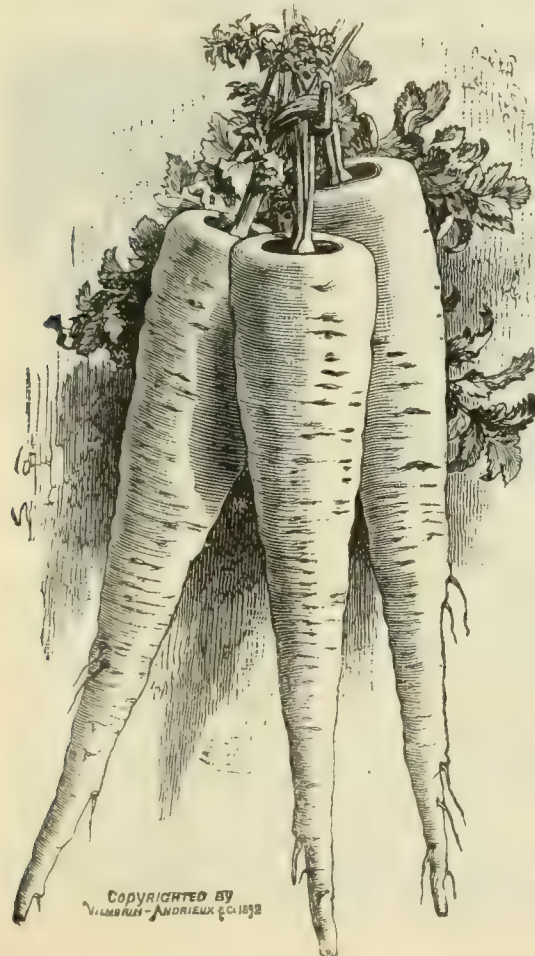
some of your Spinach Beet and found it very fine. any spinach we ever ate."

William T. Knight, Marblehead, writes: "Your Spinach Swiss Chard was simply grand."

Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

FERRY'S IMPROVED PURPLE EGG PLANT.

We tested this new variety in our experimental grounds, and found it decidedly earlier than the standard sorts. Say the introducers: "This variety has about superseded all others, both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable to grow. Plants large, spreading; foliage, light green; fruit, very large, oval; color, dark purple. Plants ripen usually two to six large fruits. It is spineless, which is a great advantage in handling. Per $\frac{1}{4}$ pound, postpaid, 90 cts.; per ounce, 30 cts.; per package, 5 cts.

ABBOTT'S IMPROVED HOLLOW CROWNED PARSNIP.

The roots of this variety are long but not too long; it generally has a very clear, smooth skin and is easily distinguished by the leaves rising from a depression on the top of the root. Parsnips do best on a deep, rich, sandy soil, but will do well on any soil which is deep, mellow and moderately rich. Some dairymen grow these to feed to their stock. Price, per pound, postpaid, 68 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

VICTORIA SPINACH.

This variety has this to recommend it, that while it fully equals the Long Standing in being slow to run to seed it has a thicker leaf than that variety. Color, a rich, dark green. Price, per pound, postpaid, 38 cts.; per $\frac{1}{4}$ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

ARLINGTON DOUBLE CURLED PARSLEY.

This is specially a market gardener's strain. One of the most successful of these says of it: "The plant is very robust and of free growth. The leaves are large, very dark green, and beautifully curled. An exceedingly large yielder, while it stands the heat, cold and drought better than any other." Price, per pound, postpaid, 85 cts.; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

RUBY KING PEPPER.

These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright, ruby-red color, and are always remarkably mild and pleasant to the taste. They can be eaten sliced like cucumbers. Very handsome and very productive. They need to be started in a hot-bed. Price, per ounce, 25 cts.; per package, 5 cts.



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VILMORIN-ANDRIEUX & CO.

NEW VIRGIN MUSHROOM SPAWN.

It is a fact well known that mushroom spawn produced in the ordinary methods degenerates in both the quality and quantity of the crop. Dr. Repin has, after many failures, succeeded finally in raising spawn by sowing the spores of the best mushroom, which is called "Virgin Spawn." This is characterized by its great vigor of growth, and produces the best of mushrooms, that are not so liable to be attacked by disease. We now offer this to our customers, obtained directly from the laboratory in France, where it is manufactured in compressed, sterilized manure slabs, thoroughly pervaded by the spawn, about $\frac{1}{2}$ inch thick. Price, per pound, postpaid, 45 cts.; per $\frac{1}{4}$ pound, 15 cts.

When you order please give your Name, Post-office, County and State.
Kindly read shipping directions on Order Sheet.

Honest seed at reasonable prices.

C. H. Cheney & Son, Belmont, Mass., writes:

PUMPKINS.

"Yours are the best seeds we get; they are all right."

SUGAR PUMPKIN.

This is the pumpkin for the traditional Yankee pumpkin pie. All others (the Gibson excepted) are coarse and barbarous when compared with this, and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe. For it is also excellent as a good table delicacy, either simply boiled or when entering into the composition of the traditional pumpkin pie. If fed to the cows it both increases and greatly enriches the quality of the milk, besides imparting to it a rich yellow. About as fine grained as the average squash. It grows to average five pounds, and yields enormously, the ground covered with the golden fruit being a sight not soon forgotten when once seen. There is quite a call for the Sugar Pumpkin in our city markets, where they bring from half to two-thirds as much as the best of squashes. Price, per pound, postpaid, 65 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

MAMMOTH RED ETAMPES.

This Mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. *Our stock is the purest raised; no strain is perfectly pure.* Price, per pound, postpaid, \$1.35; per $\frac{1}{4}$ pound, 40 cts.; per ounce, 15 cts.; per package, 5 cts.

DAUPHINE EARLY BUSH PUMPKIN.

Here we have something hitherto wholly unknown, a real bush pumpkin. The Dauphine pumpkins are larger than our common field variety, weighing from eight to thirteen pounds; these grow in a compact mass in a circle close around the centre of the hill. Owing to its compact, bushy habit, the plants can be grown more closely together than the common variety, and this compact growth permits a ready passage between the hills for cross cultivation. Price, per $\frac{1}{4}$ lb., \$1.50; per ounce, 40 cts.; per package, 15 cts.

For quick out-door sort
try the Earliest White.

RADISHES.

For forcing try the Ne Plus
Ultra and Scarlet Globe.

NE PLUS ULTRA RADISH.

Deep Scarlet Strain.



This is now accepted as a standard variety for forcing, being fit for the table in three weeks. Flesh tender and delicate; produces but few small leaves. Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

ICICLE.

A handsome first-class early variety, in color snowy white. It grows to the average length of the long varieties, but holds its fullness well down to the tap-root. Exceedingly attractive and excellent in every way. Price, per ounce, 10 cts.; per package, 5 cts.

CRIMSON GIANT FORCING.

This novelty is quite a new type amongst all sorts of Radishes at present in the market, as the knolls or roots of the same, fully developed, resemble in size a summer radish without becoming hollow or fuzzy. The "Crimson Giants" gain a circumference of 5 to 6 inches and a weight of about $1\frac{1}{2}$ to 2 ounces without losing in delicacy and tenderness. When sowing it is therefore necessary to allow plenty of space for their proper development.

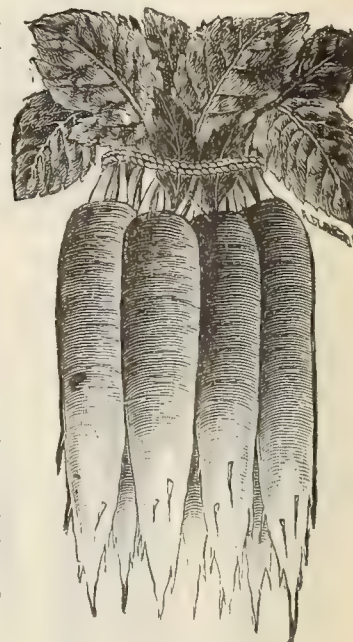
This novelty combines the advantages of a good hot-house radish with that of a summer radish and there is certainly a great future in store for it. The color, as already mentioned, is crimson, the shape varies a little, the roots are either quite round or sometimes a little oval. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

BECKERT'S CHARTIER RADISH.

This radish has rapidly grown into high favor for spring and summer use. It is very handsome, about one-third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden. It is very popular among market gardeners. Price, per pound, postpaid, 55 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

TRIUMPH.

An early, round radish, white with horizontal stripes of bright scarlet. It is strikingly handsome and attractive, making it valuable as a novelty. The strain is not quite perfectly established, but a large percentage come true. Short leaved, and of very thick growth. Price, per $\frac{1}{4}$ pound, postpaid, 30 cts.; per ounce, 10 cts.; per package, 5 cts.



Beckert's Chartier.

SQUASHES.

The New Golden Bronze Squash.

A cross, some four years ago, of the Bay State and Boston Marrow. In form the same as the last named, with stem and blossom end precisely like that variety, also having that peculiar wrinkled appearance of the skin, like the Boston Marrow. Size, averaging from eight to ten pounds; color, a dark, grayish green with bronze on upper surface when ripe; flesh an exceedingly bright golden yellow; fine grained, sweet, and of good flavor. Early in maturing, a good keeper and yielder. Squashes of very uniform size and appearance. It combines the quality desired for the table and pies.

Mr. M. B. Faxon, who introduced to the public the famous "Faxon Squash," thus writes of this new variety:

I have closely watched the development, and tested this squash for two years and I feel sure it is a most desirable new vegetable. A good cropper and splendid keeper; in fact, I may say that, both as a table squash and for pies, it will, in my opinion, at once become a great favorite.

M. B. FAXON.



Eliza G. Reynolds, Marblehead, writes: "I was at dinner at my aunt's table on Nov. 7, and partaking of some boiled squash, I said to her, 'This squash is of extra fine quality,' and she said in reply, 'This is Gregory & Son's New Golden Bronze.'" Mr. and Mrs. G. P. Craige, Antrim, N. H., write: "For good flavor, for dryness, for sweetness, for good shape, we think that your new squash (The Golden Bronze) cannot be excelled." Mrs. M. Otis, Boston, Mass., writes: "I have thoroughly tried your new squash, both as a table vegetable and for pies, and in both cases it has proved to be of the finest quality. It is a very thick-meated squash, and a most splendid keeper." Katherine Rich, Brookline, Mass., writes: "I have tested your new squash several times and I have found it of a most superior quality." Writes Seth Sprague, Hingham: "Never saw its equal for pies or table use. It is the highest colored and sweetest we have ever seen. It cannot fail to be very popular." Writes Harry L. Thomas, Hingham: "Exceptionally fine one for table use, having a particularly nice texture and flavor." Writes William H. Thomas, Hingham: "I consider your new squash superb. The flavor is of the best. I believe it to be a great acquisition." Writes William Fearing, 2d, Hingham Centre: "The squash received of you for table use excels anything which I have ever before used. A good thing and should be pushed along."

Price, per pound, postpaid, \$1.20; per 1-4 pound 38 cts.; per ounce, 12 cts.; per package, 5 cts.

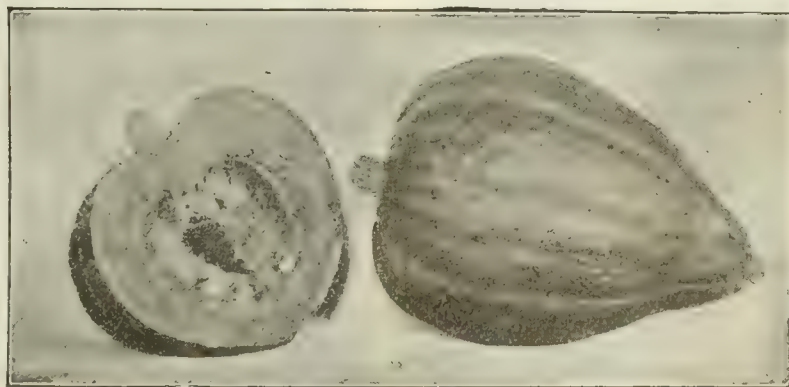
Gregory's Delicious Squash.

By Universal Assent the Best Squash ever Introduced.

Our customers in last season's catalogue were given a full history of this squash of magnificent quality.

Writes Prof. Brooks, of our Ag. College: "For solidity, smallness of seed cavity, fineness of texture, sweetness and flavor it is certainly one of the best if not the very best among squashes."

The universal opinion of those who have tested it is that it is of better quality than



the Hubbard was when at its best. All agree that no squash brought to the table approaches it in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It grows to weigh from five to ten pounds and is in its prime mid-fall and winter. We give a few recommendations which might be added to indefinitely.

Price, per pound, postpaid, \$1.50; per 1-4 pound, 50 cts.; per ounce, 15 cts.; per package, 10 cts.

"I never ate so fine a squash."—PROF. MAYNARD, Massachusetts Agricultural College.

"Your new squash makes the best table dish of any variety of this vegetable I ever tasted."—HERBERT MYRICK, editor of *American Agriculturist*.

"We think that in fineness of grain and delicacy of flavor it surpasses the Hubbard when in its best estate."—LUTHER TUCKER & SON, editor of *Country Gentleman*.

"The Delicious Squash more than meets every claim you have made for it."—REV. W. V. JEFFRIES, Whiteside, Ill.

"The small, half grown specimens were better than most others of mature growth."—WM. H. PEARY, Wakefield, R. I.

"I thought the Faxon could not be beat, but the Delicious does it."—ALICE T. CHAPIN, Bridgewater, N. S.

"It sells for a cent more a pound than any other variety in our market."—SAML. L. GOODELL, Brattleboro, Vt.

"Your Delicious Squash is delicious,—more delicious,—most delicious. It should be called 'Gregory's Superlatively Delicious Squash.'"—SAML. D. REMICK.

"It is the driest and sweetest of any we ever tasted. I think it should be called 'Perfection.'"—MRS. M. S. BALDWIN, North Wilbraham, Mass.

"It is more than good; it is better than best."—W. V. JOHNSON, Raymond, Me.

"It is superb, as far superior to the Hubbard as that is ahead of the old Crookneck."—J. H. BOARDMAN, Lake Avenue, Rochester, N. Y.

"The old Hubbard was a most excellent squash but this surpasses it."—MRS. TINDLEY, Marblehead.

"Why, it is the best squash I ever ate; better than baked chestnuts."—MISS M. E. NICHOLS, Marblehead.

Writes MR. PORTER, the largest provision dealer in the city of Salem:—"With such a squash as this I don't see the need of squash pies."

Ruhana Metz, Chambersburg, Pa.,
writes: "Your seeds have always given

SQUASHES. — Continued.

perfect satisfaction, your Squash seeds
especially."

COCOANUT SQUASH.



A fine little squash for family use which succeeds where other varieties fail; very prolific, yielding from six to a dozen to the vine. The flesh is fine grained, sweet, and very solid, and the quality excellent, being remarkably hardy. With its rich green and gold coloring, it makes an ornament that would grace the centre table. Price, per $\frac{1}{4}$ pound, postpaid, 30 cts.; per ounce, 10 cts.; per pkg., 5 cts.

DUNLAP'S EARLY PROLIFIC MARROW.

Own Growing.

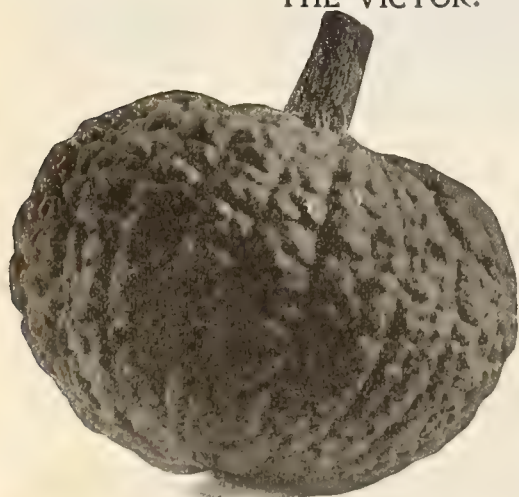
The standard early of the running varieties. No variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow. Very productive. Color a brilliant orange-red; a good keeper. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 38 cts.; per ounce, 12 cts.; per package, 5 cts.



GOLDEN HUBBARD.

A very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature and of rich orange-red color, instead of the dark olive-green of the old Hubbard, while the flesh is a little deeper colored. Price, per pound, postpaid, \$1.08; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

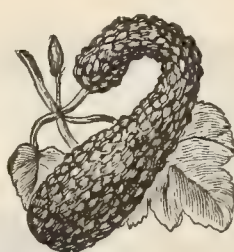
THE VICTOR.



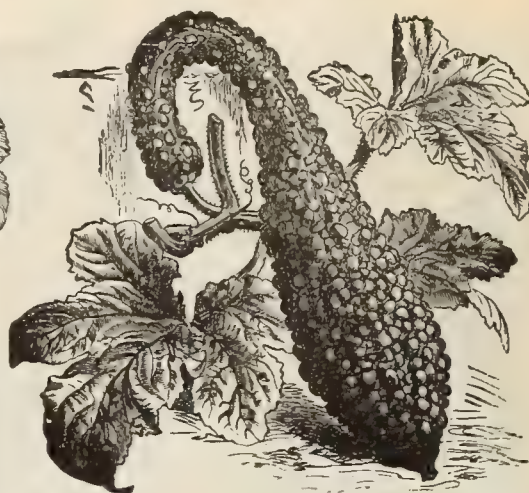
This new squash which we were first to catalogue, is of a rich orange-yellow color, generally with a hard shell thickly covered with warts. The flesh is thick-meated and the quality good during its season, which is from September till December. An excellent cropper, the squashes being of the size of the Essex Hybrid. They are very heavy, handling like blocks of oak. Per pound, postpaid,

\$1.10; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

STRICKLER SUMMER SQUASH.



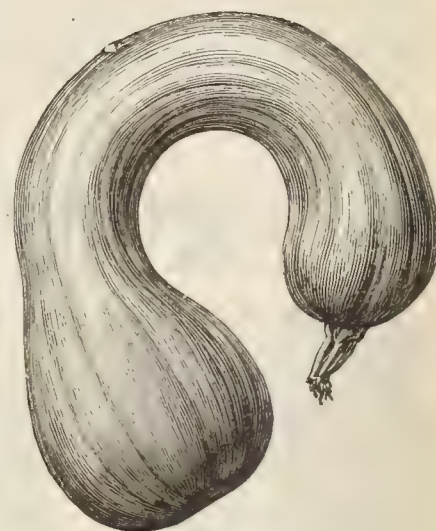
This variety of summer Crook-neck we find grows twice as large as the common sort, averaging from 5 to 6 pounds in weight. The two engravings show



about the comparative size of the Strickler and the common Summer crookneck. Price, per pound, postpaid, 85 cts.; $\frac{1}{4}$ pound, 25 cts.; ounce, 10 cts.; package, 5 cts.

WINTER CROOKNECK.

Of all vegetables to preserve from season to season please commend us (as we kindly commend you) to the Winter Crookneck squash. It is a sure grower, with a quality of its own, not fine, but with a flavor of old time, and a first-rate keeper. It is perfectly at home in the homestead, for we have kept them well for two years, and so we invite our customers to join with us in reviving a custom which is truly honored in the observance, that of growing some Winter Crooknecks and hanging them up in the kitchen, as did our fathers of old. Price, per pound, postpaid, \$1.08; $\frac{1}{4}$ pound, 30 cts.; ounce, 10 cts.; package, 5 cts.



BOSTON MARROW.

This is a standard fall variety of a rich orange color and very productive. It was introduced and named in 1834 by John M. Ives, of Salem, Mass. It is the standard squash for pies. Price, per pound, postpaid, 80 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

MAMMOTH WHITE BUSH SCALLOP.

This variety is about twice the size of the ordinary White Bush Scallop and much whiter and handsomer. Price, per pound, postpaid, 75 cts.; per $\frac{1}{4}$ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

Don't give up the Volga Cabbage if it has disappointed you. Try it after early crops are in, you will find it will mature earlier and have a larger and harder head than any other early drumhead in the market.

For discounts on Vegetables see page 1.

Wm. F. Tucker, Kenyon, R. I., writes: "Your New Golden Bronze squash was carefully tested by me the

SQUASHES—Continued.

past season and I find it to be a valuable introduction. It is thick meated and a splendid keeper."

WARTED HUBBARD SQUASH.



This form of the Hubbard is a great favorite with many marketmen, as it is very striking in appearance, and having been selected for years from exceptionally large specimens, it crops heavily. The warty knobs drawn general attention, and it sells in the market better than those having smooth shells. We do not think it of as good quality as the smooth-shelled sort, and the greater hardness of the shell is more apparent than real. The large size to which it has been developed has been accomplished, we think, with some sacrifice in purity, for we find that in the course of years it is necessary to cross the warted variety on the smooth Hubbard to retain the shell. Price, per pound, postpaid, 90 cts.; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

F. W. H. Speegle, Trimble, Ala., writes:—"Your Earliana Tomato is good as well for late as for early. On Nov. 12, 1900, we gathered $\frac{1}{2}$ bu. from three vines, ripe and fine."

TOMATOES.

Anna Currier, Plainfield, Wis., writes:—"Your Stone Tomatoes are the best I ever raised. Although our summer was very dry they grew to an extremely large size."



Chalk's Early Jewel Tomato.

MARBLEHEAD SQUASH.



In this squash, which we introduced, the combination of sweetness, dryness and delicious flavor is something really remarkable. Its outer color is a light blue. A great favorite where known. J. M. Merrick, Wilbraham, Mass., wrote:—"The Marblehead Squash seeds I had of you produced a large crop of very fine quality of fruit. I had 1200 pounds from 13 square rods of land." Price, per pound, postpaid, \$1.08; per $\frac{1}{4}$ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

THE WARREN.

The Warren (of which we were the original introducers) has a shell generally harder and thicker than the Essex Hybrid, and the color is of a richer and deeper orange, while the quality is decidedly better. The Warren is now grown very extensively by marketmen. Price, per pound, postpaid, \$1.20; per $\frac{1}{4}$ pound, 38 cts.; per ounce, 12 cts.; per package, 5 cts.

CHALK'S EARLY JEWEL TOMATO.

Our friend, Mr. Russell, president of our County Agricultural Society, and one of the most extensive market gardeners in Eastern Massachusetts, first called our attention to the great merits of this tomato as a standard market sort. He gives it the preference to all of the many varieties he has raised. We have also before us a letter received from another prominent market gardener, Mr. Orlando Newhall, who writes us as follows: "As regards Chalk's Early Jewel, I would say that I have planted it the past three years and have found it to be the best early I have ever raised, and I have tried a great many 'early' and 'extra early' varieties. It is both early and smooth, and last year I raised between 700 and 800 pounds in the greenhouse and they were as handsome a lot as any one could wish to see." Another gardener says of it, "It is with me large, bright, red fruited, uniformly smooth, very solid and heavy; vines large and a very heavy cropper." Another valuable trait claimed for the Jewel is that Mr. Chalk, its originator, has, by years of effort, got in it a variety which is extra hardy and remarkably free from rust. While we continue to recommend the Noltes and Earliana as the earlier varieties, we can heartily endorse the Jewel as a heavier cropper and a most excellent sort for the main crop. It will be seen by the illustration that the fruit is as regular in shape and about as round as a mass of baseballs. Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, 98 cts.; per ounce, 30 cts.; per package, 10 cts.

LIVINGSTON'S STONE.

The Stone is excellent for main crop; it is very large, and of bright scarlet color; spherical in shape; very smooth, with occasionally a specimen very slightly octagon shaped; ripens evenly to the stem; exceedingly solid and firm fleshed of hull.

Not Subject to Rot.—Prof. J. L. Budd, of Iowa State Agricultural College, says: "It was large enough, smooth, firm fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Price, per $\frac{1}{4}$ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

W. H. Smart, Newkirts, O. T., writes: "The Dwarf Stone was the best and most productive of all the tomatoes I raised last season. I picked large well-

TOMATOES. — Continued.

formed tomatoes until Nov. 12 when they were killed by frost, they were then loaded down with large green fruit."

LIVINGSTON'S DWARF STONE TOMATO.

Double the size of Dwarf Champion.



The largest dwarf in existence.

Another splendid new variety from Livingston. This is what he says of it: "The same sort of tomato as Dwarf Champion, but the vine is of stronger growth, and the fruit is double the size. It is equally early, is equally prolific. The shape of the fruit is perfect. It is very solid, ripens very evenly and is of excellent quality. Price, per $\frac{1}{4}$ pound, \$1.10; per ounce 35 cts.; per package, 10 cts.

LIVINGSTON'S BEAUTY.

This (now a standard) is as early as the Acme or Perfection, of a glowing crimson in color, with a slight tinge of purple. In shape perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. Has more solid flesh and fewer seeds than average kinds. Price, per ounce, 25 cts.; per package, 5 cts.

NOLTE'S EARLIEST TOMATO.

For neavy, mucky soil THE NOLTE'S IS MUCH THE BEST OF ALL EARLY VARIETIES, while for gravelly, strong land the Earliana gives better satisfaction.

This gave great satisfaction on our trial grounds last season. That most excellent sort for most locations, the Earliana, in some quarters fails to do its best, while Nolte's appears to adapt itself to a greater variety of conditions, being otherwise



very similar to the Earliana in earliness, size, shape of fruit and vine. Though the vine is small the fruit compares well in size with the standard sorts. Quality excellent. On our grounds, which were in a high state of cultivation, we gathered 70 bushels of ripe tomatoes from 75 plants. Price, per ounce, 30 cts.; per package, 10 cts.

LIVINGSTON'S NEW MAGNUS.

After having given the Magnus a test as a market tomato on rather a large scale, we are now ready to heartily endorse all the good things Mr. Livingston has said in its favor. Color, purple; vine, potato leaved. It is thicker, heavier and more solid than either Acme or Beauty. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe-shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Excellent either for open field or greenhouse. Price, per ounce, 25 cts.; per package, 5 cts.

Pliny Mosher, No. Westport, Mass., writes: "Your Magnus Tomato is unsurpassed in quality. Our customers will buy no others as long as they can get the Magnus."

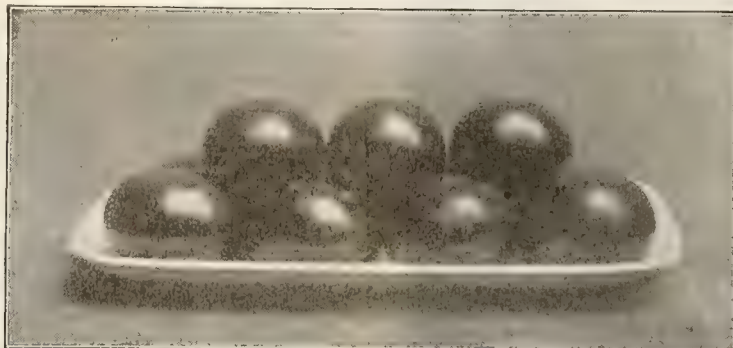
ENORMOUS.

This new tomato may well be called the Enormous, for Mr. Miesse, its originator, exhibited a dish of them, any eight of which placed in a row would measure a yard. This means, of course, that the tomatoes must have averaged $4\frac{1}{2}$ inches in diameter. The tomatoes average symmetrical, are solid meated, and are every way of excellent quality. A good cropper. It is doubtless the giant among the round tomatoes. The only objection to it is that a small variety now and then appears in the strain. Price, per lb., postpaid, \$2.40; per $\frac{1}{4}$ lb., 70 cts.; per ounce, 25 cts.; per package, 10 cts.

EARLIANA.

The Earliana is the early tomato for gravelly but the Nolte's gives better satisfaction on heavy, mucky soil.

Last season we classified the Earliana as by all odds the best very early large round tomato that has been introduced for years. Our experience has led us to modify our estimate only so far as to state that on some soils Nolte's, which closely resembles it, has given greater satisfaction. Though very early the Earliana is also of fine market size, grows about as round as a ball, color a bright-



red, solidity and quality all that could be desired. We will add one other valuable characteristic which the introducer has overlooked and that is that though the tomatoes are of such good size the vines are exceptionally small, which will admit of their being planted a quarter nearer than standard sorts. Price, per package, 10 cts.; per ounce, 30 cts.

E. S. Horton, Winterton, N. H., writes: "The Earliana Tomato from you last spring produced the finest early tomatoes that I ever knew. And they were as large, handsome and shapely as they were early."

John Marschal, Galveston, Tex., writes: "I must say that your Earliana Tomato is the best I ever raised for early use."

M. B. Huntley, Jacksonville, Me., writes: "Your late introductions in tomatoes — the Earliana and New Magnus — are simply first class. They were both ready to pick in August."

TURNIPS.

H. A. Candage, South Blue Hill, Me., writes: "Your Carter's Elephant Swede Turnip planted on rockweed on clay loam land grew the most splendid shaped of any that I ever raised."

CARTER'S ELEPHANT SWEDE TURNIP.

Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Ruta-baga. A very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per pound, postpaid, 58 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

An American white Ruta-baga, *earlier and rounder* than any other of the sweet German, Improved White French, Rock or Russian turnips, all of which names are given, in dif-

ferent localities, to the various strains of white Ruta-baga. Mr. Budlong, probably the most extensive raiser of Ruta-bagas in New England, has by years of careful selection produced this excellent strain. Price, per pound, postpaid, 58 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

A very early, free-growing variety, with short neck and small top; flesh, deep yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per pound, postpaid, 48 cts.; per $\frac{1}{4}$ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

This variety of turnip is sent out by the same reliable firm that sent out the Munich. Earlier than the Munich. Of the strap-leaved class, flat in shape, and of excellent quality. Price, per pound, postpaid, 60 cts.; per $\frac{1}{4}$ pound, 20

cts.; per ounce, 10 cts.; per package, 5 cts.

H. S. Peck, Drain, Oregon, writes: "Last year you sent me a package of Earliana Tomato. I raised a fine lot, had ripe tomatoes on the 20th of August for the first time since I lived in Oregon."

By test made in our experimental grounds, we find this new salsify to be a decided improvement on the common kind. It is a distinct sort; it makes larger roots than the standard variety, while the flavor when cooked we found to be fully as rich. The flesh is of a yellow cast. Our customers will find this an acquisition. Per ounce, 20 cts.; per package, 5 cts.

The Arbor Vitæ is the hardiest and best of all shrubs for hedges. We have made arrangements with a nurseryman who makes a specialty of these to supply our customers with plants sent directly from the nursery, express or mail, prepaid, at the following exceedingly low figures:—

25 Trees, 8 to 12 inches.....	\$.75
50 " " " " " "	1.00

100 Trees, 8 to 12 inches.....	\$1.50
150 " " " " " "	2.00

Try our Timothy.

GRAINS AND GRASSES.

Red Top, and Clover.

**LINCOLN OATS.**

A Western firm who have had a large experience in oat raising pronounce the Lincoln oat "the best oat now before the American people. First, because of its great productiveness, four farmers having raised from 120 to 174 bushels from a single bushel of seed. Second, because it is very early. Third, because it appears to be nearly rust proof. Fourth, because it stands up better than most kinds. Fifth, because its thin hull, soft rib, and heavy meat make it an excellent feeding oat. Sixth, it makes an excellent oatmeal." We have before us recommendations from twenty-one farmers located in fourteen States. Price, per bushel, per express, \$1.40; per peck, 50 cts.; 3 pounds, per mail, 50 cts.; 1 pound, 20 cts.; package, 10 cts.

BEARDLESS BARLEY.

This is an improved beardless barley similar to the Success but it is larger, has a longer straw and yields more per acre. It is perfectly pure and literally beardless, just as represented, which makes it pleasant to handle, while the straw can be fed stock without fear of injury. It is earlier than any bearded barley, better to seed with, better for feeding, and yields fully as well. Price, per peck, per express, 55 cts.; per bushel, \$1.75. 3 pounds, postpaid, 50 cts.; pound, 20 cts.; per package, 10 cts.

MANSHURY BARLEY.

A six-rowed barley, with very long heads, well filled and heavy; straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. Price, per bushel, per express, \$1.50; per peck, 50 cts.; per pound, postpaid, 20 cts.; per package, 10 cts.

TIMOTHY, RED TOP, AND RED CLOVER SEED OF EXTRA QUALITY.

Every farmer has learned to his sorrow in the course of his farming life that ordinary grass seed as sold at the stores comes mixed with more or less of white daisy, plantain, thistle, pig weed, smart weed, wild carrot, dock, etc., while in clover he finds buckthorn, plantain, dock in two varieties, smart weed, sorrel, wax weed, etc., and in addition more or less of sand and dirt in each. We have resolved hereafter to catalogue such a grade of seed only as shall be free of weeds of all kinds. This costs in the market a few cents more than the ordinary grade, but we have faith to believe our customers will endorse the wisdom of the step. The cheap ordinary stuff sold under the name of "choice," "prime," or "extra prime," is often the prime cause for a good deal of vexation and no small loss by seeding our mowings with foul stuff, some of the weeds being like the dock and daisy perennials, and therefore very hard to get rid of. The quality of the hay produced on such land is consequently reduced in value. Let us not forget that the extra advantage for using pure seed extends through all the three or five years of the seeding down, and distributing the entire cost through these years, we shall find that it will amount to but a few cents per acre, while the annual difference in the market value of the crops may be a serious one. In one sample of red clover examined at the Department of Agriculture at Washington, there were sufficient weed seeds to average one to every six inches in drills nine inches apart. The seed we catalogue is that cleaned by the famous Whitney-Eckstein Seed Company, and while they have several grades, we wish our customers to know that those which we catalogue are their very best, and that there is no better to be bought at any price. Prices, Timothy, per bushel of 45 pounds, \$3.20; per peck of 11 1/4 pounds, \$1.00. Red Clover, per bushel of 60 pounds, \$9.00; per peck of 15 pounds, \$2.50. Red Top, per bushel of 36 pounds, \$4.40; per peck of 9 pounds, \$1.25. For prices for lesser quantities see page 51.

We sell the Purest Grass and Clover Seed sold in the United States.

GREGORY'S**SPECIAL LAWN GRASS.**

For this we offer a mixture of twelve fine varieties of grass seeds, and would recommend it as *not surpassed by any Lawn Grass sold in this country.* It makes a fine velvety lawn. Sow in April, May, August or September. Manure the land well at the start, and the varieties are of such kind and in such proportions that it will last for several years. Price, per peck of 4 pounds, \$1.00; per bushel of 16 pounds, \$3.75; 3 pounds, postpaid, \$1.00; 1 pound, 35 cts.

All our seed warranted;
see page 1.

ORCHARD GRASS. (*Dactylis glomerata.*)

It is one of the most desirable of all pasture grasses, coming earlier in the spring, and remaining later in the autumn, than any other. It grows to a height of 2 to 2 1/2 ft., and produces an immense quantity of foliage. It yields a large amount of hay, and sends up a thick growth very quickly after being cut. It is well adapted to sow either for grazing or for hay. Blossoms same time as Red Clover. Three bushels to the acre; 14 pounds to a bushel. Price, per pound, postpaid, 30 cts.; express, 22 cts.; per package, 10 cts.

ALFALFA OR LUCERNE.

By the expert employed by Secretary Wilson, of the Agricultural Department at Washington, 3 per cent. of adulteration was found in a small lot of Alfalfa sold by us last season, and this adulteration, as Secretary Wilson informed us, was doubtless made in Germany. In the future we shall avoid all possibility of this by selling such seed only of Alfalfa, Clover and Grass as have been tested for us by the Department at Washington. In our inset we have drawn lessons both of warning and encouragement for those of our customers who are discussing whether or not to plant this, the most valuable member of the great family of the clovers. Both in quality, quantity, and duration in the soils to which it proves itself adapted, it is so much superior to our red and all other varieties of clover in localities where success with it is doubtful, we consider an attempt to raise it well worth the trial. The quantity of seed used per acre varies, the average experience having settled upon 25 lbs. We sell the seed at \$10.75 per bushel of 60 lbs., 30 cts. per lb., postpaid; per package, 10 cts. Turkestan, the hardy variety, 35 cts. per lb., \$12.00 per bushel. For full directions read carefully the inset.

PLANTS VALUABLE FOR FODDER.

JAPANESE MILLET (*Crus Galli*.)



The *Crus Galli* straw chopped, crushed, moistened and sprinkled with meal is readily eaten by cattle and horses. The seed appears to equal in value corn meal for milk production and is excellent for poultry. For green fodder, sow it at the rate of 12 to 15 qts. per acre. We have raised it on our farm for both seed and fodder purposes with very satisfactory results. The leaves are larger than those of either "Hungarian" or "German" and the crop double. Either as a grain producer or as a source for abundant green fodder for hay this millet is a great acquisition to the agriculture of the country. It does not grow hard and woody like German Millet or Hungarian. When thinly seeded in drills it grows from 6 to 7 ft. in height.

F. R. Woodward, of Hill, N. H., tells us that his cows left sweet fodder corn, Pearl Millet, and common grass, and

took *Crus Galli* in preference. He supposes it was because the stalks were so much sweeter. They increased their milk when fed on it. Mr. Wm. C. Dunham, of Ridgeland Farm, writes:

"My yield of *Crus Galli* was at the rate of 21¾ tons per acre. Sown at the same time as German Millet it gives a valuable succession of green fodder."

Per bushel of 35 pounds, per express, \$2.35; per peck of 8¾ pounds, 65 cts.; 3 pounds, postpaid, 50 cts.; 1 pound, 20 cts.; per package, 10 cts.

SAND, WINTER OR HAIRY VETCH. (*Vicia villosa*.)

One of the pea vine class of plants, exceedingly nutritious, surpassing even the several varieties of clover. It will do better than other fodder crops on poor soil, while on good soil it makes a rank growth of four or five feet. It is a great favorite with cattle and can be fed with safety to any stock. Perfectly hardy all over the United States, and will remain green all winter. Sow for spring use in August or September, mix it with clover, or, in spring, with oats, to help support it. It is one of the earliest of fodder crops for spring cutting, — a full crop can be cut in season to plough and plant any other crop on the same land. Wherever Scarlet Clover winter kills, by all means plant this. In the South and dry West it will make a capital hay crop by fall sowing it, for it will make its growth in the fall and spring months, before the dry weather sets in. One bushel per acre, with half bushel of Rye. Price, per bushel of 60 pounds, \$8.00; per peck of 15 pounds, \$2.15; 3 pounds per mail, 75 cts.; 1 pound, 30 cts.; package, 10 cts.

COW PEAS.

The black variety. This is of great value, both in the Southern and in the Northern States as a green summer feed for sheep and as a green crop for ploughing under to enrich the soil. Sow for ploughing under at the rate of 2 bushels to the acre and with oats at the rate of 1½ bushels of each per acre. Price, per bushel, per express, \$2.25; per peck, 65 cts.

PEARL MILLET OR MAND'S WONDER GRASS.

We find on trial the difference between Mand's Wonder and Pearl Millet to be too slight to make one in any costly degree preferable to the other. Will thrive in this country in any latitude that will produce corn. It is an annual with foliage resembling corn leaves. When fully grown it is from 12 to 15 ft. high with numerous heads covered with seed much relished by poultry. Each plant throws out numerous shoots, sometimes as high as 60, and if raised on rich soil and cut when 2 or 3 ft. high can be mowed from four to five times, yielding many tons of dry hay. If cut when 7 ft. high it will yield the heaviest fodder crop per acre of any plant under cultivation. It is sweeter than corn. Don't plant before ground is warm, then it can be planted May 15. On strong land it has given five cuttings, each crop heavier than a good crop of millet.

Sow 6 pounds per acre in drills 3 ft. apart or broadcast at the rate of 30 pounds per acre. Price, per pound, postpaid, 25 cts.; per ¼ pound, 10 cts.; per package, 5 cts.; per pound, per express, 17 cts.; 10 pounds and upwards, per express, 10 cts. per pound.

CANADA FIELD PEAS AND OATS FOR FODDER.

These at the rate per acre of one bushel of peas to one and one-half bushels of oats make very profitable fodder from June 25 to August 1, for cows and sheep. The peas should be lightly ploughed in when sown, and the oats broadcasted and brushed in immediately afterward. Price of the peas, per bushel, \$2.25, per express.

JAPANESE BUCKWHEAT.

The kernels of this buckwheat are larger than the common kind; the straw is stouter and heavier. It branches more, and it does not need to be sown as thickly; the flour made from it is thought to be equal to that from any other buckwheat; it is a very heavy cropper, and less apt to blight than other varieties.

Price, per bushel, \$1.60; per peck, per express, 50 cts.; per pound, by mail, 20 cts.; per package, 10 cts.

MILO MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than cornstalks. It stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from 6 to 10 ft. high. Four pounds of seed plant an acre. Price, per peck of 15 pounds, express, \$1.00; per pound, postpaid, 15 cts.; per package, 10 cts.

KAFFIR CORN.

The stalks of this keep green and are brittle and juicy, making fodder, green or dry, which is relished by cattle, horses and mules. Kaffir Corn, Doura, and Milo Maize stand dry weather better than corn, and will thrive west of the 100th meridian, where the seasons are too dry for corn. Its seed heads, 8 or 10 in. long, are eagerly eaten by horses, hogs and fowl. *It cannot be relied upon to mature its seed in the latitudes of New England.* Price, per peck of 15 pounds, by express, \$1.00; per pound, postpaid, 15 cts.; per package, 10 cts.

BROWN DOURA.

This withstands dry weather better than Kaffir Corn and Milo Maize, and is a sure cropper every year. Raised more for grain than for fodder. Yields immensely. Three to five pounds will plant an acre. Price, per peck of 15 pounds, \$1.25; per pound, postpaid, 20 cts.; per package, 10 cts.

See pages 2-6 for description of that remarkable new oat Sweden has sent us — the Washington.

C. S. Chapman, East Hartford, N. Y., writes: "Your Crus Gallimakes the best winter feed for

PLANTS FOR FODDER, ETC. — Continued.

sheep that ever I had. After being wet four times after cutting, my sheep ate it up clean."

DWARF ESSEX RAPE.

Essex Rape makes the best of pasturage for cattle, calves, sheep and swine. An average acre is sufficient for ten to fifteen sheep or lambs, to bring them from lean up to good condition without the help of grain in 70 days. Rape is more nutritious than clover and better for fattening. The most profitable results are attained by waiting till the plants have nearly matured before turning in the stock, which will be about two months from the time of sowing. If turned in earlier the most economical way of feeding will be to make three divisions of the pasture, turning the stock from one to the other, thus giving the plants time to renew their growth. In the more Northern and Northwestern States it gives grazing from early June till the ground freezes, and in the South if sown in the early fall, it will supply grazing the open portion of the winter. It does best on deep, rich, moist soils, the richer the better; good corn soil in good condition will give a good crop of rape. Make the soil very fine, and sow 4 to 5 pounds of seed broadcast and harrow well in; or from 1 to 2 pounds in drills 24 to 30 in. apart. When in drills keep clean at early stages by cultivation. There is danger of bloat in cattle and sheep if turned in on crops when hungry to eat their fill. Either turn in after they have had first feed on ordinary pasture, or change from the rape after a short feed on it. Price, per pound, per express, 10 cts.; 25 pounds and upwards, 9 cts. per pound; 3 pounds, per mail, 60 cts.; one pound, 20 cts.; per package, 10 cts.

MACARONI OR DURUM WHEAT. (New.)

Letters from the farmers of Northern Dakota who have grown it the past season state that while all of the five or hard wheats have been badly affected by rust and yielded from 15 bushels down to nothing per acre, the Macaroni proved to be practically immune from rust and yielded from 15 to 30 bushels. Price, per pound, by mail, 20 cts.; per peck, per express, 60 cts.; per bushel, \$2.00.

SASKATCHEWAN SPRING WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn.: "No such milling wheat has been received at our mill since we have been in the milling business." Per bushel of 60 pounds, per express, \$2.00; per peck, 60 cts.; 1 pound, postpaid, 20 cts.; per package, 10 cts.

SOJA OR SOYA BEANS.

We have grown about all the varieties of Soja imported directly from Japan, and from them have selected two to catalogue.

American Coffee Berry.—This variety of Soja has been sold in the west at fabulous prices. It does not even belong to the coffee family of plants; still it is a fact, as we find by actual test, that when roasted and *coarsely* ground it tastes so nearly like the Brazilian coffee the difference is scarcely perceptible. There is nothing injurious about it, it being the most nutritious of all vegetable products, and it can be raised almost anywhere where corn will mature, yielding from 20 to 30 bushels per acre. Cows are very fond of the ground beans, and the meal mixed with corn meal makes valuable food for poultry. Price, per bushel of 58 pounds, \$3.50; per peck, per express, \$1.10; per quart, 30 cts.; per quart, postpaid, 45 cts.; per package, 10 cts.

Medium Early Green.—This variety grows 3 or 4 ft. high, giving a very heavy yield of vine, and is very valuable for green forage or soiling. It has ripened its seed in central Massachusetts every year for the last ten years.

It appears to have great capacity to resist disease or blight. *It is excellent to use for ensilage*, layer and layer with corn, for it greatly enriches the ensilage, contributing the rich nitrogenous element in which the corn stalks are markedly deficient. For this purpose the stalks should be cut when the beans are about full sized. Sixteen quarts of Soja and 10 quarts of Canada Field corn on one acre make good fodder for August. Price, per bushel of 58 pounds, per express, \$4.00; per peck, \$1.25; per quart, postpaid, 45 cts.; per package, 10 cts.

THE BEST CORN FOR THE SILO.

We have made careful tests of all the large Dent varieties suitable for the silo that are offered, and still prefer and recommend the Leaming. It is very tall and leafy, and the very large ears *will mature in New England*. In a test with several standard varieties of Dent corn made at the Ohio Experimental Station during several seasons the Leaming averaged a heavier crop than either of the other varieties. When ears count for much, then give us the Leaming before all others. Price, per bushel, of Leaming, \$1.50.

Collections of Vegetable Seeds. *For the Home Garden.*

As these collections are put up in advance ready for mailing we can make no change or substitution in them.

33 Packages, Our Garden Collection, Postpaid, \$1.00.

Beans, Dwarf Golden Wax.
Beans, Golden Butter Pole.
Beet, Crosby's Early.
Beet, Lentz.
Cabbage, Early Wakefield.
Cabbage, Warren.
Cabbage, Prem. Flat Dutch.
Carrot, Danvers.

Celery, Kalamazoo.
Corn, Quincy Market.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Cucumber, Boston Pickling.
Lettuce, Hanson and Silesia.
Melon, Musk, White Japan.
Melon, Water, Rattlesnake.

Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Onion, Red Globe.
Parsnip, Abbott's.
Pepper, Bell.
Peas, Champion of England.
Peas, Advancer.
Pumpkin, Sugar.

Radish, Long Scarlet.
Radish, French Breakfast.
Sage.
Squash, White Bush.
Squash, Marblehead.
Turnip, White Egg.
Tomato, Earliana.
Tomato, Stone.

16 Packages, the Home Garden Collection, Postpaid, for 50 cts.

Beans, Dwarf Golden Wax.
Beet, Lentz.
Cabbage, Warren.
Carrot, Danvers.

Corn, Quincy Market.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Lettuce, Hanson.

Melon, Musk, Christiansa.
Melon, Water, Cole's Early.
Onion, Danvers Yellow.
Peas, Nott's Excelsior.

Radish, French Breakfast.
Squash, Marblehead.
Tomato, Earliana.
Turnip, White Egg.

One Package Choice Flower Seeds with Each Collection.

NITRO-CULTURE.—This has at times proved very efficacious for leguminous crops, such as beans, peas and clover, enabling farmers to succeed with them where formerly they failed. For full directions see pages 2-6.

Be sure and write your name on your order; also giving Post Office, County and State.

Goods ordered at mail prices are sent per mail, postpaid, by us.

Complete List of Vegetable Seeds with Full Prices.

With exception of Novelties for which see pages 2-6.

One half bushel at bushel rates; half peck at peck rates; half pound at pound rates; pints at quart rates. As a rule, the earliest varieties are placed at the head of each list.

ASPARAGUS. (German, *Spargel*; French, *Asperge*.) For roots see page 51.

Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well-established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, using a liberal quantity of well-decomposed manure. Set the roots so that the crowns will be four inches below the surface of the ground in rows three feet apart, and one foot apart in the row. Apply a dressing of manure in autumn, working the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. Stop cutting when peas come to market. One ounce to sixty feet of drill.

Early Giant Argenteuil. (New.) See page 9..... 92 1 00 30 12 5

Columbian Mammoth White. See page 9..... 60 68 23 10 5

PALMETTO. See page 9..... 50 58 18 10 5

Moore's Crossbred. A large strain that has taken many prizes..... 65 73 25 10 5

Conover's Colossal. The standard variety, and it still holds its own..... 40 48 15 10 5

BEANS, Dwarf, Snap or Bush. (German, *Busch-Bohnen*; French, *Haricots*.)

Select light, warm soil, and plant when danger from frost is past in the spring, in drills two and a half to three feet apart, dropping the beans about two inches apart in the drill, and covering one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred and fifty feet of drill.

BOUNTIFUL GREEN BUSH. (New.) See page 9..... 1 40 5 00 25 40 10

GIANT STRINGLESS GREEN POD VALENTINE. (New.) See page 9. A first early variety..... 2 10 7 50 35 50 10

Burpee's Stringless Pod Bush. (New.) See page 9..... 2 10 7 50 35 50 10

IMPROVED ROUND YELLOW SIX WEEKS. Early, good as string, green, or dry shelled..... 1 25 4 25 25 40 10

Early Valentine. Pods long, round and tender; standard extra early bean in Middle States..... 1 50 5 50 30 45 10

Early Mohawk. Very hardy, early and productive; flat podded. For shell only..... 1 25 4 25 25 40 10

Early Yellow Six Weeks. Very early and productive; standard sort, but soon grows stringy..... 1 20 4 00 25 40 10

Refugee, or a Thousand to One. A very prolific bush sort, fine for canning, round podded..... 1 25 4 25 25 40 10

LOW'S CHAMPION. See page 9. For table, garden or market; round, red, large podded..... 1 70 6 00 30 45 10

Yellow Cranberry. Used by market gardeners as a string or snap bean. Very productive..... 1 20 4 00 25 40 10

WARREN. See page 9. Of exquisite table quality..... 1 70 6 00 30 45 10

Henderson's Bush Lima. Two weeks earlier than the pole lima. A bush strain of Sieva..... 1 80 6 50 35 50 10

Burpee's Bush Lima. See page 10..... 1 80 6 50 35 50 10

DREER'S BUSH LIMA. The earliest of the large bush varieties..... 1 80 6 50 35 50 10

EARLY CARMINE PODDED DWARF HORTICULTURAL. See page 10..... 1 80 6 50 35 50 10

Intermediate Horticultural. Half-bush variety; prolific; superior sort for market gardeners..... 1 70 6 00 30 45 10

Improved Goddard. (New.) See page 10. Second early as a dwarf horticultural..... 1 70 6 00 30 45 10

Improved Yellow Eye. One of the best varieties for baking, remarkably vigorous and prolific..... 1 15 3 75 25 40 10

SNOWFLAKE FIELD. See page 10..... 1 20 4 00 25 40 10

Red Kidney. A standard red field sort; fine for baking..... 1 20 4 00 25 40 10

WAXEN PODDED VARIETIES.

Round Pod Kidney Wax. (New.) An improved Wardwell's Kidney..... 35 50 10

Keeney's Pencil Pod Wax. (New.) See page 10..... 35 50 10

Dwarf Golden Wax, or York Dwarf Wax. More prolific; larger pods than the common sorts..... 2 00 7 00 35 50 10

IMPROVED GOLDEN WAX. Improvement on the dwarf golden wax; less liable to rust..... 2 10 7 50 35 50 10

Dwarf Black Wax. Superior for a snap bean. Fine strain of early dwarf wax, very prolific..... 1 80 6 50 35 50 10

Extra Early Refugee Wax. Yields immensely, perfectly stringless, does not blight, first-rate for family use..... 2 00 7 00 35 50 10

Davis Kidney Wax. See page 10. Vigorous plant, clear white long pods, stringless, good shipper..... 2 00 7 00 35 50 10

Fuller's Black Wax. Larger, longer and thicker pods than common sorts and stringless..... 2 00 7 00 35 50 10

KEENEY'S RUSTLESS GOLDEN WAX. (New.) See page 10..... 2 00 7 00 35 50 10

Challenge Dwarf Black Wax. One of the earliest of all the wax varieties..... 1 70 6 00 30 45 10

WARDWELL'S KIDNEY WAX. Extra early; gardener's favorite, pods broad, five inches long..... 2 25 8 00 35 50 10

Early Golden-Eyed Wax. Probably as little subject to rust as any dwarf variety..... 1 85 35 50 10

BEANS, Pole or Running Varieties. (German, *Stangen-Bohnen*; French, *Haricots à Rames*.)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil and do best in a sheltered location. One quart to one hundred and fifty feet of poles.

MARBLEHEAD EARLY POLE CRANBERRY. Earliest pole cranberry; delicious..... 35 50 10

LONDON HORTICULTURAL, or WREN'S EGG. Pods striped; fine string or shell..... 1 50 5 50 30 45 10

Golden Carmine Podded Horticultural Pole. (New.) See page 9..... 2 00 7 00 35 50 10

Brockton. Longer podded than London Hort. and of darker and richer color; a fine cropper..... 2 00 35 50 10

MAMMOTH CARMINE-PODDED HORTICULTURAL POLE. (New.) See page 10..... 1 80 6 50 35 50 10

KENTUCKY WONDER. Long, green podded, tremendous cropper. Better for snapping..... 2 00 35 50 10

Caseknife. A white pole bean of great richness either as green shelled or when baked..... 1 70 30 45 10

Yard Long. Pods grow two or three feet long; a decided novelty..... package only..... 10

Painted Lady. Either for ornament or use..... package only..... 10

Scarlet Runner. The largest of all shell beans for eating; blossoms very ornamental..... 35 50 10

Items in Capitals are specially recommended.

 For Price List Potatoes see Page 28. 

PRICES OF SEEDS.

BEANS, Pole or Running. — Continued.

	peck exp.	bush. exp.	qt. exp.	qt. mail	pkg.
LAZY WIVES. A late white pole sort; fine for succession. For shelling or baking.....			30	45	10
SIEBERT'S LIMA. The earliest of the large pole Limas; hardy and vigorous.....	1 75	6 25	35	50	10
King of the Garden Lima. Thin to two vines to a pole. Very vigorous and productive.....	1 50	5 50	30	45	10
Early Lima, Sieva or Frost. Two weeks earlier than large Lima. Beans small.....	1 50	5 50	30	45	10
LARGE LIMA. As a shell bean, surpasses all in quality.....	1 50	5 50	30	45	10
Dreer's Improved Lima. Rather later but more prolific than large Lima; round in shape.....	1 70	6 00	30	45	10

WAXEN PODDED POLE VARIETIES.

Kentucky Wonder Wax. (New.) See page 10.....	2 00		35	50	10
GOLDEN CHAMPION. The earliest of the wax pole pods; a rich waxy white.....	1 80		35	50	10
Golden Butter Wax. Early; very prolific; very handsome; in fact, very first-class, a standard....	2 00		35	50	10
EARLY GOLDEN CLUSTER WAX. Pods remarkably long and broad. A first-class snap-bean	2 00	7 00	35	50	10

BEET. (German, *Runkel-Rübe*; French, *Betterave*.) Table Varieties.

Select a deep, rich loam and manure with well-decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, about the 20th of June, according to variety, the long varieties requiring more time to mature than the round early kinds. When sown late increase the quantity of seed. To preserve during winter cover with earth to keep from wilting. When cooking, boil new beets one hour, and old ones two hours or more.

	lb. exp.	lb. mail	1-4 lb.	oz.	
Dirigo. (New.) See page 11.....	57	65	20	10	5
Egyptian. Earlier than Bassano. Tops remarkably small.....	45	53	15	10	5
CROSBY'S EARLY EGYPTIAN. See page 11.....	52	60	18	10	5
ECLIPSE. See page 11. About as early as Egyptian. A first-class standard early market variety.	52	60	18	10	5
Crimson Globe. (New.) See page 12.....	47	55	15	10	5
LENTZ'S HYBRID. Early; quality tender and sweet, top short, flesh attractively ringed.....	40	48	15	10	5
FAUST'S NEW CRIMSON OR MITCHELL'S PERFECTED. See page 11.....	40	48	15	10	5
DETROIT DARK RED. See page 11.....	52	60	18	10	5
Bastian Early Blood Turnip. As early as the Bassano, but of much darker color; small top....	40	48	15	10	5
Early Blood Turnip. A standard sort; good for summer or winter.....	40	48	15	10	5
Arlington Favorite. A Boston favorite; early, small topped, dark red, cooks tender and sweet....	42	50	15	10	5
EDMANDS'. See page 12.....	47	55	15	10	5
Dewing's Early Blood Turnip. Very symmetrical, free from fibrous roots. A popular beet.....	40	48	15	10	5
Long Smooth Dark Blood. Excellent for winter use; smooth skinned; flesh dark red.....	40	48	15	10	5

MANGOLD WURTZEL.

The Mangold Wurtzels are grown for stock. They should be sown in drills about two feet apart, and thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre.

Globe Mangolds succeed better than the long sorts on sandy soil. Do not begin to feed them until midwinter.

GATE POST. Orange-colored skin, no sprangling roots, small top, heavy cropper.....	30	38	15	10	5
Norbiton Giant. A standard Red; very extensively grown. Tops sometimes hollow.....	25	33	15	10	5
CARTER'S ORANGE GLOBE. The best variety of Yellow Globe.....	30	38	15	10	5
GIANT YELLOW INTERMEDIATE. See page 11.....	27	35	15	10	5
Golden Tankard. Tankard shaped; flesh deep yellow, with colored rings; good cropper.....	25	33	15	10	5
PRINCE OF DENMARK SUGAR BEET. (New.) See page 11.....	52	60	18	10	5
IMPROVED AMERICAN SUGAR OR LANE'S. A long white variety; for stock.....	25	33	15	10	5
Vilmorin's Improved French White Sugar. A variety cultivated for making sugar.....	30	38	15	10	5
White Silesian Sugar. Raised in France for sugar, also excellent for feeding stock.....	25	33	15	10	5
Red Giant Ovoid. Very large, oval shape; pulls up very freely from dirt.....	30	38	15	10	5
Red Globe. Globe shaped, as named. The globe varieties are popular in Europe.....	25	33	15	10	5
Yellow Globe. Globe shaped also.....	25	33	15	10	5

BERBERRY. (French, *Epine-Vinette*.)

One of the best shrubs for hedges. Perfectly hardy. Never winter kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge plant of North America. The berries make excellent preserves. As the seeds of the berberry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured and dried.

BRUSSELS SPROUTS. (German, *Sprossen Kohl*; French, *Chou de Bruxelles*.)

A class of plants allied to the Cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.



LONG ISLAND IMPROVED. Of dwarf habit; very prolific; heads first-class.....			70	25	10
Dalkeith. More dwarf and compact than the old sorts and produces larger sprouts.....			50	15	5
Dwarf Improved. The standard variety.....			45	15	5

BROCCOLI. (German, *Spargel Kohl*; French, *Brocoli*.)

The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.

Large White Early French. A standard French variety.....			1 50	50	10
Walcheren White. One of the very best.....			1 00	30	10

 Items in Capitals are specially recommended. 

 If your seeds should fail to reach you, when writing please repeat your first order. 

PRICES OF SEEDS.

CABBAGE. (German, *Kopfkohl*; French, *Chou*.)

Many of the principal varieties of Cabbage are of our own growing.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to three feet apart in the rows, with the rows from two and a half to three feet apart. The crops should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For minute information, see our treatise on "Cabbage." One ounce to about two thousand plants.

EARLIEST VARIETIES.

	lb. exp.	lb. mail.	1-4 lb.	oz.	pkg.
Earliest. (New.) An improved extra early strain of the Early Jersey Wakefield.....	2 50	2 58	75	25	5
CHARLESTON WAKEFIELD. This strain grows larger than the early Jersey.....	2 50	2 58	75	25	5
EARLY JERSEY WAKEFIELD. See page 14. Standard early; quality richer than the drumheads.	2 17	2 25	65	20	5
VOLGA. (New.) See page 12.....	3 50	3 58	1 10	35	10
Henderson's Early Summer. An early drumhead cabbage much larger than Wakefield.....	1 92	2 00	60	20	5
ALL-SEASONS. See page 12. Now the standard early large drumhead variety.....	2 22	2 30	65	20	5
EARLY SPRING. (New.) Comes midway between Wakefield and Early Summer. Heads hard, thick, flattish.....	2 42	2 50	75	25	5
GLORY OF ENKHUISEN. (New.) See page 12.....	3 25	3 33	1 00	30	10

SECOND EARLY.

TWISS' EARLY DRUMHEAD. (New.) See page 13.....	2 47	2 55	75	25	5
EARLY WINNINGSTADT. Heads large, cone-shaped, solid; one of the best for all soils.....	2 00	2 08	60	20	5
"Newark" Early Flat Dutch. Best strain of second Early in New York Market. Heads solid	1 75	1 83	55	20	5
Fottler's Early Brunswick. Earliest of the large-heading drumheads. Headquarters stock.....	1 75	1 83	55	20	5
Succession. See page 13.....	2 17	2 25	65	20	5
WARREN. See page 14. This grows to good size for selling by the barrel.....	2 47	2 55	75	25	5
EARLY DEEP HEAD. See page 14.....	1 67	1 75	53	20	5
All Head. Allied to our Early Deep Head. Early, good-sized, hard heading, heads finely.....	1 92	2 00	60	20	5

LATE KINDS.

THE HOUSER. (New.) See page 13.....	2 42	2 50	75	25	5
SOLID EMPEROR. (New.) See page 13. Grown from selected heads.....	2 77	2 85	80	30	5
The Hollander. (New.) See page 14.....	2 47	2 55	75	25	5
Danish Winter Ball Head. See page 13.....	2 47	2 55	75	25	5
Marblehead Mammoth Drumhead. Largest cabbage in the world. See p. 13. Directions on label.	2 42	2 50	70	25	5
Stone-Mason Drumhead. An old sort now surpassed by Deep Head and Warren.....	2 00	2 08	60	20	5
PREMIUM FLAT DUTCH. Excellent for winter; extensively grown everywhere; a standard....	1 67	1 75	53	20	5

RED VARIETIES.

Earliest Blood-Red Erfurt. The earliest of all the red varieties, short-stumped, hard heading....	1 92	2 00	60	20	5
MAMMOTH ROCK RED. See page 14.....	1 92	2 00	60	20	5



SAVOY.

Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use.....	2 00	2 08	60	20	5
IMPROVED AMERICAN SAVOY. See p. 13. Small, very reliable for heading; sweet and tender.	2 42	2 50	70	20	5
Drumhead Savoy. We have a fine strain of this large drumhead.....	1 92	2 00	60	20	5

CARROT. (German, *Moehre*; French, *Carotte*.)

Carrots thrive best in a sandy loam free from stones. The ground should be well manured with fine, well rotted or composted manure, eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to four inches in the rows. Plant from the middle of April to the middle of May, to insure crop. As the dry spells, which sometimes prevail in June, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")

Early Scarlet Horn. Early short variety for forcing; excellent for table; color deep orange..	77	85	25	10	5
Long Red Coreless. Color extra dark red; sweet and fine flavored; excellent for the home garden	77	85	25	10	5
SHORT HORN. The standard early variety; sweeter than Long Orange. Good to color butter...	77	85	25	10	5
CHANTENAY See page 15. The market gardeners find that this is just what they want.....	82	90	30	10	5
GUERANDE. See page 14. Enormous cropper; can be pulled by hand.....	87	95	30	10	5
DANVERS. Own growing. See page 14. Extra selected gardener's strain. Very fine.....	1 42	1 50	45	15	5
Danvers. A good average strain.....	77	85	25	10	5
Improved Long Orange. See page 15.....	62	70	25	10	5
Improved Short White. See page 15. Enormously productive; being half long it is easily harvested.	52	60	18	10	5
LARGE WHITE BELGIAN. Productive; good for horses; can be pulled by hand.....	52	60	18	10	5
Yellow Belgian. Grown partly out of ground; capital for late keeping of stock.....	52	60	18	10	5

 Items in Capitals are specially recommended. 

Our prices "per express" apply also to goods to be forwarded per railroad.

PRICES OF SEEDS.

CAULIFLOWER. (German, *Blumenkohl*; French, *Choufleur*.)

Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener. *Plant the late varieties early as they require the whole season to mature in.* Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for 2,000 plants. (See treatise on Cabbage and Cauliflower.)

Extra Early Dwarf Erfurt. Specially selected. Very early, hardy, dwarf and compact.....

Early Paris. An early variety. A standard around Paris.....

Italian Early Giant. Fine, large, white-headed and early.....

GREGORY'S EARLY SNOWBALL. See p. 14. Very dwarf, very early and reliable. $\frac{1}{4}$ oz., 75 cts.....

Early London Market. The best strain of this standard English sort.....

THORBURN'S GILT EDGE. See page 14.....

Long Island Beauty. See page 14.....

Carter's Defiance. This sort is fine for forcing or very early use.....

Lenormand's Short-Stemmed Mammoth. Dwarf, large and fine; reliable; plant early.....

Autumnal Late Giant. Very large headed and productive; late; plant early.....

LATE ALGERIAN. Large, late sort; popular with the New York gardeners; plant early.....

lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
			6 00	2 00
			2 00	60
			2 00	60
			8 00	2 40
			1 50	50
			7 00	2 00
			5 75	1 75
			6 00	2 00
			2 00	60
			2 00	60
			2 50	75

CELERY. (German, *Sellerie*; French, *Céleri*.)

This vegetable can be grown as easily as beans. Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart, either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. For winter use in the family, celery needs to be hilled up only eight inches. One ounce of seed gives about 4,000 plants.

New Rose Ribbed or Golden Rose. (New.) See page 15.....

PARIS GOLDEN YELLOW LARGE SOLID. See page 15. Headquarters stock.....

Boston Market. This is the short, bushy, compact, solid, Boston variety.....

BOSTON MARKET ARLINGTON STRAIN. (New.) See page 15.....

EVANS' TRIUMPH. (New.) See page 16.....

Dwarf Golden Heart. Half dwarf, silvery white, with golden heart solid.....

Crawford's Half Dwarf. Of rich nutty flavor, vigorous grower, ornamental for table.....

White Plume. Merely drawing up and pressing earth with hand will blanch White Plume.....

GIANT PASCAL. See page 15. Stock from the originator.....

Perle le Grand. Medium dwarf in habit, good for early use and keeps well for winter.....

WINTER QUEEN. (New.) See page 16.....

Kalamazoo. Cream white, large size, ribs broad, grows quick, of fine flavor.....

Perfection Heartwell. Medium green; tall, vigorous grower, makes a large tender heart.....

New Rose Dwarf. Has the good-keeping qualities of the red sorts, and is of a fine pink color.....

London Red. Dwarf, solid and crisp; a first-class variety.....

Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celeriac.....

Old Celery. For flavoring pickles, etc.....

1 47	1 55	50	15	5
3 42	3 50	1 10	35	10
1 42	1 50	40	15	5
4 50	4 58	1 40	50	15
1 67	1 75	53	20	5
1 32	1 40	40	15	5
1 67	1 75	53	20	5
1 67	1 75	53	20	5
1 47	1 55	50	15	5
1 92	2 00	60	20	5
2 12	2 20	63	20	5
1 32	1 40	40	15	5
1 40	1 48	40	15	5
1 00	1 08	30	12	5
1 00	1 08	30	12	5
1 40	1 48	40	15	5
30	38	12	5	....

CHICORY. (German, *Cichoren Würzel*; French, *Chicorée*.)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering, so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.

Large Coffee Rooted. Used as a substitute for coffee.....

COLLARDS or COLEWORTS.

A class of plants closely allied to the cabbage family, used as greens in the sandy sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one-half feet apart in the row. Thin during the summer to three feet apart in the row.

CORN. (German, *Maiz*; French, *Maïs*.)

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks hinned to ten inches apart; the larger sorts should have the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest Dent varieties eighteen inches apart. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Lackey's, Quincy Market, Crosby's, Potter's Excelsior, Stowell's and Egyptian Sweet. One quart for two hundred hills. Plant Cory by July 10th, and if the season is an average one you will have green corn early in November.

SWEET VARIETIES FOR FAMILY USE AND MARKETING IN GREEN STATE.

(German, *Zucker Mais*; French, *Maïs Sucré*.)

Premo. (New.) One of the earliest; hardy and popular.....

MAMMOTH WHITE CORY. See page 16.....

CORY. The acknowledged standard early market sort, our introduction. Our stock is fine.....

White Cory. Differs from Red Cory only in color.....

LACKEY'S EARLY SWEET. Just after Cory and greatly surpasses it in sweetness.....

ORIGINAL CROSBY. Early short stocked, twelve to sixteen rowed, and of a rich flavor.....

Crosby's New Early Sweet. First-rate every way, either for market or family use.....

GREGORY'S EARLY MAMMOTH. See page 16.....

Moore's Early Concord Sweet. Twelve to sixteen rows, standard second early, ears large.....

QUINCY MARKET. (New.) See page 16. This comes in before Crosby's Early.....

GOLDEN SWEET. (New.) See page 16. Extra early, extra sweet and delicious.....

Washington or Bear's Foot. (New.) See page 16.....

peck exp.	bush. exp.	qt. exp.	qt. mail	
1 30	4 50	25	37	10
1 25	4 25	25	37	10
1 20	4 00	25	37	10
1 25	4 25	25	37	10
1 25	4 25	25	37	10
1 35	4 75	30	42	10
1 20	4 00	25	37	10
1 25	4 25	25	37	10
1 15	3 75	25	37	10
1 25	4 25	25	37	10
1 30	4 50	33	45	10
1 25	4 25	25	37	10

Items in Capitals are specially recommended.

Be sure you write your name on your order, giving Post Office, County and State.

PRICES OF SEEDS.

CORN. — Continued.

	peck exp.	bush. exp.	qt. exp.	qt. mail	pkg.
POTTER'S EXCELSIOR or SQUANTUM. Very sweet at midsummer, the favorite wherever known.....	1 25	4 25	25	37	10
MEXICAN SWEET. In sweetness and tenderness excels all varieties we know.....	1 20	4 00	25	37	10
COUNTRY GENTLEMAN. (New.) See page 16.....	1 30	4 50	25	37	10
Champion. Large eared; twelve rowed; comes along with Moore's Early. Pure white kernel....	1 20	4 00	25	37	10
Marblehead Mammoth Sweet. See page 16. The largest sweet variety grown. A fine strain....	1 20	4 00	25	37	10
Livingston's Evergreen. A fortnight earlier than Stowell's; ears ten and twelve rowed.....	1 20	4 00	25	37	10
STOWELL'S EVERGREEN SWEET. Green till cold weather; ears large; a standard late....	1 15	3 75	25	37	10
EGYPTIAN SWEET. Large latest white sort; very tender and sweet.....	1 20	4 00	25	37	10
SWEET FODDER. Not as usual mere trash but good corn to vegetate.....	1 00	3 00	20	32	10

Varieties for Field Cultivation and Popping. (German, *Welschorn*; French, *Mais*.)

NELSON'S YELLOW FIELD. A cross between King Phillip and Early Canada. Earlier than Longfellow. See page 16.....	75	2 50	25	40	10
Improved Early Yellow Canada. First-rate where the seasons are short.....	75	2 50	25	40	10
Sibley's Pride of the North. Dent variety. Can be ripened as far north as southern Maine.....	55	1 75	20	35	10
Butler Dent. An extra early Dent; one of the best for northern climates.....	55	1 75	20	35	10
LONGFELLOW'S FIELD. See page 17. We again offer a fine stock; from headquarters.....	65	2 25	25	40	10
LEAMING. See page 38.....	50	1 50	20	35	10
Sanford. A white flint, planted extensively for fodder, the stalks extra large and numerous.....	55	1 75	20	35	10
Egyptian Pop or White Rice. Tenderer when popped than the common variety.....	75	.....	25	40	10
Yellow Rice Pop. (New.) Mass grown; will ripen, if any variety will, further north.....	.....	.....	30	45	10
Bronze Pop. A fine popper, large and early; in New England the most popular sort.....	.....	.....	35	50	10

CRESS. (German, *Kresse*; French, *Cresson*.)

Plant on rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season is of the best quality. To be used as salad before the flowers appear.

	lb. exp.	lb. mail	1-4 lb.	oz.	
Improved Large Leaved Water. (New.) Larger leaves, better quality and more productive.....	.....	.....	.....	.....	15
Upland. Has all the characteristics of water cress and can be grown easily in any garden.....	.....	.....	.....	40	10
Curled	35	43	15	10	5

Cucumber. (German, *Gurke*; French, *Concombre*.)

Plant after the ground has become warm, in hills three feet apart for the smaller varieties, and four feet for the larger. Manure with ashes, guano, or some well-rotted compost, working the manure just under the surface. Sprinkle vines with plaster or Persian Insect Powder to protect from bugs. The foreign frame cucumbers can be successfully grown in the open air in this country, by giving them well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills.

VICKERY'S FORCING. See page 17.....	4 92	5 00	1 50	50	15
Fordhook Famous. See page 17.....	1 47	1 55	50	15	5
Cumberland. (New.) See page 18.....	1 02	1 10	30	10	5
COY'S CYCLONE. (New.) See page 17.....	92	1 00	30	10	5
Early Russian. One of the very earliest of all varieties; grows about four inches long.....	1 00	1 08	30	10	5
Early Frame. Early, short, prolific.....	1 00	1 08	30	10	5
Early Cluster. Bears mostly in clusters; early and productive.....	1 00	1 08	30	10	5
PEERLESS WHITE SPINE. Larger than Improved White Spine; excellent for forcing.....	1 00	1 08	30	10	5
Extra Selected White Spine. (New.) See page 17. Fine for forcing.....	1 47	1 55	50	15	5
IMPROVED WHITE SPINE or ARLINGTON. Great bearer; standard for outdoors.....	1 00	1 08	30	10	5
Bennett's White Spine. See page 18. Fine strain; retains well its green color.....	1 00	1 08	30	10	5
The Emerald. (New.) An improved White Spine, being spineless and green in color even when ripe.....	92	1 00	30	10	5
Green Prolific. Prolific pickling variety. Selected by one of the largest growers in the country.....	92	1 00	30	10	5
THORBURN'S EVERBEARING. Of small size, very early; flowers and fruits until frost.....	92	1 00	30	10	5
Livingston's Evergreen. See page 18. From the originator.....	92	1 00	30	10	5
Nichols' Medium Green. See page 18.....	90	98	30	10	5
Short Green. The old standard short variety.....	90	98	30	10	5
LONG GREEN. The old standard long variety.....	1 00	1 08	30	10	5
Bismarck. A cross between the Long Green and White Spine. Large, straight, tender, crisp.....	90	98	30	10	5
TAILBY'S. Longer and darker green than White Spine; very prolific, handsome.....	92	1 00	30	10	5
Giant Pera. Clear, smooth skin, with but few seeds; have been grown twenty-six inches long.....	1 17	1 25	40	12	5
Improved Long Green Prickly. Growing twelve to fourteen inches, a hard brittle pickle.....	1 17	1 25	40	12	5
Parisian Pickling. Hard, crisp and tender, densely covered with fine spines shy cropper.....	1 17	1 25	40	12	5
BOSTON PICKLING. A medium long variety; the standard for pickling in Boston market.....	92	1 00	30	10	5
Chicago Pickling. A favorite in Chicago; prolific but not quite as early as Boston Pickling.....	1 00	1 08	30	10	5
Norbiton Giant. English prize frame variety; sometimes growing to thirty inches; package only.....	.....	.....	.....	.....	25
Giant German. See page 17. The handsomest frame variety we ever saw.....	.....	.....	.....	40	15
Lemon. Has a peculiar sweet flavor, is tender and crisp; best when turning yellow; package only.....	.....	.....	.....	.....	10
SNAKE. They grow six feet in length, coiled up like a snake. A decided novelty.....	.....	.....	.....	25	10
Eight Varieties Mixed.....	.....	.....	.....	15	5

DANDELION. (German, *Bardeplum*; French, *Dent de Lion*.)

This vegetable has become very popular as an early, healthful green, and the roots also are used, when dried, as a substitute for coffee. Its use in either of these forms is particularly recommended to those who are inclined to any disease of the liver. Sow in May in drills one foot apart, covering the seed a quarter inch deep. A rich soil is preferable but this plant will thrive anywhere.

ARLINGTON. (Own growing.) Leaves finer than Imp. Thick Leaved, very popular in Boston... express, \$12.50. Seven hundred bushels have been grown on three-fourths of an acre.....	3 00	3 08	90	30	5
Improved French Thick Leaved. Own growing; saved from open blossoms. Five pounds, per express, \$12.50. Seven hundred bushels have been grown on three-fourths of an acre.....	3 00	3 08	90	30	5
Improved Broad Leaved. An extra early strain highly recommended to market gardeners.....	.....	.....	1 25	40	10

Items in Capitals are specially recommended.

 Carefully read instructions on our Order Sheet. 

PRICES OF SEEDS.

EGG PLANT. (German, *Eierpflanze*; French, *Aubergine*.)

Plant the seed in March in a hot bed; or for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require a rich soil and as favorable a location for warmth as the garden will afford. One ounce to fifteen hundred plants.

	lb. exp.	lb. mail.	1-4 lb.	oz.	pkg.
White Pearl. (New.) Creamy white, grows large; prolific, of superior eating quality.....			70	20	5
Very Early Dwarf. A French variety of Long Purple; extra early.....				30	5
Black Pekin. A variety of Round Purple. Blackish violet leaves; fruit very large.....	2 92	3 00	90	30	5
LONG PURPLE. Earlier and more productive, but smaller than Round Purple.....	2 00	2 08	60	20	5
New York Improved Long Purple. Surpassing all in size of fruit. Standard market sort.....	3 17	3 25	90	30	5
FERRY'S IMPROVED LARGE PURPLE. (New.) See page 29.....	3 00	3 08	90	30	5

ENDIVE. (German, *Endivie*; French, *Chicoree*.)

For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in a row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower-pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

London Green Curled. A standard sort.....	1 02	1 10	30	12	5
Fine Curled Mossy. Very ornamental. A little more curled than the London.....	1 02	1 10	30	12	5
Broad Leaved Batavian. A large summer variety.....	1 02	1 10	30	12	5

GARLICS.

Plant the bulbs on exceedingly rich soil, in rows or in ridges fourteen inches apart, and six inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful) and are used in soups, etc.

25	33	15	10		
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KALE or BORECOLE. (German, *Krauskohl*; French, *Chou vert frisé*.)

Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower garden, being finely curled and variegated with green, yellowish-white, bright red and purple leaves. The tender leaves are used as cabbage. One ounce for about two thousand plants.

Large Leaved Jersey. Large curled, light green leaves, with white ribs.....	67	75	25	10	5
Carter's Thousand Head. Remarkable for the great amount of green feed per acre, hardy.....	67	75	25	10	5
Siberian or German Greens. Sow in the fall for use in the spring.....	62	70	25	10	5
GREEN CURLED TALL SCOTCH. One of the best varieties for the market.....	62	70	25	10	5
DWARF GREEN CURLED. Very hardy; a standard market sort.....	62	70	25	10	5

KOHL RABI or TURNIP CABBAGE. (German, *Kohl Rabi*; French, *Chou Rave*.)

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter treat as turnips. When young their flesh is tender and resembles a fine Rutabaga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce for three thousand plants.

Early White Vienna. A standard early kind.....	1 67	1 75	53	20	5
New Goliath. The largest of all the varieties; deep purple.....			50	20	5
Large Purple. Very large, hardy and productive.....	1 90	1 98	60	20	5

LEEK. (German, *Borro*; French, *Poireau*.)

Select good onion soil, manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce for a thousand plants.

Broad Scotch or Flag. A large and strong plant.....	1 25	1 33	40	15	5
American Flag. A good variety.....	1 00	1 08	30	12	5
LARGE MUSSELBURG. A standard English variety.....	1 45	1 53	50	15	5
Extra Large Carentan. A very fine extra large winter variety.....	1 20	1 28	35	12	5

LETTUCE. (German, *Lattich*; French, *Laitue*.)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to ten inches apart for the heading varieties. When heads are not desired it may be grown in a mass. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

Woldorf. (New.) See page 18.....	1 50	1 58	50	20	10
New Hothouse. For the greenhouse; larger than White Tennis Ball, less liable to rot.....	2 00	2 08	60	20	5
White Tennis Ball or Boston Market. An early sort, small heads, very hardy; winter culture....	1 00	1 08	30	12	5
HITTINGER'S ARLINGTON FORCING. (New.) See page 20. One of the best for forcing..	1 42	1 50	50	15	5
Big Boston. For growing under glass; the largest of the White Tennis Ball strains.....	1 25	1 33	40	15	5
BLACK-SEEDED TENNIS BALL. Hardy, early large heads. Favorite in Boston Market....	1 00	1 08	30	12	5
Market Gardener's Private Stock. (New.) See page 19.....	1 50	1 58	50	15	5
DENVER MARKET. (New.) See page 18.....	1 15	1 23	40	15	5
Stone-head Golden Yellow. Test this for forcing quality with the very best variety you know...	1 00	1 08	30	12	5
Grand Rapids. Beautiful in appearance, strong grower, tender and crisp. Fine for forcing..	1 00	1 08	30	12	5
Myer's All Right. Fine heading sort; light green, purple tinge; fine "crunchy" quality.....	90	98	30	12	5
Early Curled Silesia. Early, sweet; a popular variety for hot beds or early outdoor culture.....	75	83	25	10	5
Maximum or Immensity. Slow to run to seed; green, yellow heart, large solid heads.....	1 00	1 08	30	12	5
The Morse. (New.) Excellent under glass or outdoor culture. An improvement on the Simpson.	1 00	1 08	30	12	5
Early Curled Simpson. Resembles Silesia, but is more curled and not so early.....	75	83	25	10	5
Black Seeded Simpson. An improvement on the Simpson, being finer in many respects.....	90	98	30	12	5
Early Prize Head. An acquisition, runs to seed slowly; very tender and of fine flavor.....	1 00	1 08	30	12	5
May King. (New.) See page 19.....	3 42	3 50	1 10	35	15

 Items in Capitals are specially recommended. 

If your orders are likely to be large, please send and have prices beforehand.

PRICES OF SEEDS.

LETTUCE.—Continued.

	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
Satisfaction or Salamander. One of the best summer cabbage sorts; light green	1 00	1 08	30	12	5
Drumhead. Very large; heads crisp and tender. A standard sort.....	90	98	30	12	5
HANSON. See page 19. Extremely popular.....	1 00	1 08	30	12	5
SUGAR LOAF. See engraving and description on page 18.....	1 00	1 08	30	12	5
Green Fringed. Extremely ornamental, the leaf edge being elegantly fringed; unique	1 00	1 08	30	12	5
MARBLEHEAD MAMMOTH CABBAGE. See page 19.....	1 00	1 08	30	12	5
Deacon. Large, very solid lasting heads of an attractive green color; very crisp and tender.....	1 00	1 08	30	12	5
Defiance. Light-green color, makes large heads; does not seed quickly. Fine for summer.....	1 00	1 08	30	12	5
True Boston Curled. The most elegant lettuce of all. Quality good; very popular.....	1 00	1 08	30	12	5
All-the-Year-Round. Does not tend to seed; heads hard and crisp.....	1 00	1 08	30	12	5
White Paris Cos. The standard Cos variety.....	1 00	1 08	30	12	5
Six Choice Varieties. Mixed in one package.....	1 00	1 08	30	12	5
Winter Beauty. (New.) See pages 2-6.....				45	15
Giant Golden Heart. (New.) See page 19.....	2 92	3 00	90	30	10
Density. (New.) See page 20.....	1 42	1 50	50	15	5
MARTYNIA	2 42	2 50	75	25	5

Plant two by two leaving one plant. The pods while sufficiently tender to be easily punctured by the nail, are used for pickles.

MUSKMELON. (German, *Canteloupe*; French, *Melon Musqué*.) (Of the numbers printed against the items below, 1 indicates green-fleshed, 2 salmon-fleshed.)

Select warm and light soil; a poor light soil is better than a cold and rich one. Thoroughly work the soil; manure with a rich fertilizer or a rich compost, having the hills six feet apart for the musk varieties, and eight for watermelons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the ends of the more vigorous vines from time to time, and work in a fertilizer between the rows. Plant a dozen or more seeds in each hill, but do not leave over two plants. Sprinkle young plants liberally with plaster or Persian Insect Powder to protect from insects.

2. LEWIS PERFECTION. (New.) See page 21.....	1 92	2 00	60	20	10
1. Extra Early Hackensack. Much earlier than Hackensack, well netted and of good quality..	1 00	1 08	30	10	5
1. Early Jenny Lind. An early sort; favorite with gardeners.....	1 00	1 08	30	10	5
1. Early Nutmeg or Green Citron. Boston variety; early, and of fine flavor.....	87	95	30	10	5
2. Christiana or Boston Pet. (True.) Remarkable for quality; early.....	90	98	30	10	5
1. Norfolk Button. (New.) See page 20.....	1 00	1 08	30	10	5
1. Rocky Ford. (Rocky Ford grown.) This is from the home of this famous variety. See page 20.	92	1 00	30	10	5
1. Netted Gem or Pineapple. See page 20.....	92	1 00	30	10	5
1. NEW WHITE JAPAN. Flesh greenish white, early and prolific; very sweet.....	75	83	25	10	5
1. WARD'S NECTAR. Size medium; green fleshed; prolific, sweet and delicious.....	92	1 00	30	10	5
2. PAUL ROSE. (New.) See page 20.....	92	1 00	30	10	5
1. Hackensack. Of large size; round, flavor excellent, very productive.....	90	98	30	10	5
2. MILLER CREAM. See page 21.....	1 25	1 33	40	12	5
2. Shumway's Giant. See page 21.....	87	95	30	10	5
1. Columbus. Color bright yellow with thick netting, green fleshed, of fine quality.....	90	98	30	10	5
1. LONG ISLAND BEAUTY. Early, of superior quality, and densely netted.....	1 25	1 33	40	12	5
2. OSAGE. Round in shape, salmon fleshed, delicious; second early. A strain of the Miller....	1 00	1 08	30	10	5
2. EMERALD GEM. See page 20.....	1 17	1 25	35	10	5
1. Bay View. Flesh green; sweet and spicy; hardy, vigorous, productive; long-round in shape..	92	1 00	30	10	5
1. Chicago Market. Of larger size than Boston Nutmeg. A favorite in Chicago.....	1 17	1 25	35	10	5
1. MONTREAL NUTMEG. See page 20.....	1 47	1 55	50	15	5
1. CASABA. Large, long; green fleshed, rich flavored, thick, melting and delicious.....	1 00	1 08	30	10	5
2. Surprise. Early, productive and delicious; salmon fleshed; first class.....	90	98	30	10	5
2. LONG YELLOW. Very large, sweet, productive; a well-known sort.....	70	78	25	10	5
2. BANANA. See description on page 20.....	92	1 00	30	10	5
1. Champion Market. See page 20. Deeply ribbed; very productive, good shipper.....	77	85	25	10	5
1. Mango Melon or Vine Peach. These resemble oranges. Fry as egg plant when green.....	75	83	25	10	5
2. Irondequoit. This is of the same good quality as the Miller Cream but grows larger.....	87	95	30	10	5

WATERMELON. (German, *Wassermelone*; French, *Melon d'eau*.) One ounce for thirty hills.

Snow Bound. (New.) See page 22.....	1 17	1 25	40	12	5
COLE'S EARLY. See page 22. Can be raised as far north as Central Maine.....	62	70	23	10	5
SWEET HEART. (New.) See page 22.....	57	65	23	10	5
Vick's Early. Early, of medium size, oblong, pink fleshed, solid and sweet.....	70	78	25	10	5
Phinney's. For hardiness, vigor and productiveness unexcelled; early, reliable, red fleshed.....	70	78	25	10	5
Kolb's Gem. See page 22.....	67	75	25	10	5
FERRY'S ICEBERG. As good a shipper as Kolb's Gem; flesh darker and sweeter.....	72	80	25	10	5
MONTE CRISTO or KLECKLEY SWEETS. (New.) See page 21.....	67	75	25	10	5
The Triumph. (New.) See page 22.....	62	70	23	10	5
RATTLESNAKE. The long, large, mottled-green watermelon of commerce; very popular.....	67	75	25	10	5
FERRY'S PEERLESS or ICE CREAM. Choice for the garden, solid to centre and very sweet.....	70	78	25	10	5
Duke Jones. See page 21.....	67	75	25	10	5
Dixie. See page 22.....	67	75	25	10	5
Seminole. See page 21.....	67	75	25	10	5
Jordan's Gray Monarch. Skin mottled gray in color; flesh bright crimson; sweet, delicious....	70	78	25	10	5
Honey. One of the earliest. Medium-sized, yellow flesh, deliciously sweet.....	70	78	25	10	5
Dark Icing. See page 22. Round, dark green, and of a delicious flavor; of good size.....	67	75	25	10	5

Items in Capitals are specially recommended.

☞ When you receive special quotations kindly return them in case you order. ☞

PRICES OF SEEDS.

WATERMELONS. — *Continued.*

	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
Gipsy. Very large, very productive, round, striped dark and light green.....	67	75	25	10	5
Mountain Sweet. An old standard variety; early, solid; fine for Northern cultivation.....	67	75	25	10	5
Florida Favorite. See page 21. Our stock is direct from the originator.....	72	80	25	10	5
Pride of Georgia. Dark green, grows large, firm-fleshed, good shipper, crisp and sweet.....	67	75	25	10	5
Iron Clad. Large, sugary and delicious nearly to skin. An excellent shipper.....	67	75	25	10	5
"The Boss." Dark skinned, medium-sized, medium-early, leads in appearance and eating quality..	67	75	25	10	5
CUBAN QUEEN. A large mottled-green, round variety; red fleshed, solid; fine quality.....	67	75	25	10	5
Citron. For preserves only; hardy and very productive.....	67	75	25	10	5

MUSHROOM SPAWN. Full directions for cultivation on label.

New Virgin. (New.) See page 29.....	37	45	15	....	....
English	17	25	10	....	....

MUSTARD. (German, *Seuf*; French, *Montarde*.) For Ground Mustard see page 8.

Sow in drills one foot apart and cover lightly. Thrives in almost any soil. Water frequently in dry weather, and for a succession, sow every two weeks during the season. Used principally for salads.

Chinese Large Leaved. A fine sort for greens.....	60	68	23	10	5
White or Yellow. For salad or medicinal purposes.....	30	38	15	10	5

NASTURTIUM. (German, *Nasturtium*; French, *Capucine*.)

Plant in May in rows three feet apart; the climbing varieties to cover some arbor or fence, or climb or twine around the house; the dwarf kind in hills or in rows two feet apart. The leaves are used for salad, and the seeds, when soft enough to be easily penetrated by the nail, for pickles. If each plant of the dwarf variety is allowed room to perfect itself, the plant grows very symmetrical.

Tall. An ornamental climber. Several fine varieties mixed.....	67	75	25	10	5
Dwarf. Several fine varieties are included in this mixture.....	67	75	25	10	5

OKRA or GUMBO. (German, *Safran*; French, *Gombo*.)

Select warm and rich soil, and plant when the ground becomes warm, in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered when young. In the North they require the warmest location and it is better to start them in a hot-bed. The seeds are a long time in germinating.

White Velvet. Pods smooth, exceedingly tender and well flavored; very prolific.....	47	55	18	10	5
Long Green. Later and more productive.....	47	55	18	10	5

ONION. (German, *Zwiebel*; French, *Oignon*.) Full description of many varieties on pages 23-24.

In some parts of the country the term "Silver-skin" denotes a white variety, in other parts a yellow variety. Please indicate in your order which you want. The soil should be free from large stones. Apply from ten to twelve cords of rich, fine compost to the acre. Plough not over five inches deep, and work well with the cultivator. Plough again at right angles with first furrows, and cultivate again. Now rake level and fine, and plant seed in rows fourteen inches apart at rate of four pounds to the acre. Keep very clean of weeds. When ripe, pull and dry very thoroughly before storing. For full particulars see our work on "Onion Raising." Plant onions sets two inches apart in rows a foot apart. To grow sets, plant the seed at the rate of thirty to sixty pounds to the acre.

NEW HARDY WINTER. (New.) See page 24.....	.....	.....	.....	45	15
EARLY FLAT RED. Like Cracker except color. Capital for short seasons.....	1 67	1 75	53	20	5
Early Yellow Cracker. See p. 24. Improvement on Large Yellow, being earlier. (<i>Our growing.</i>)	1 67	1 75	53	20	5
EARLY ROUND YELLOW DANVERS. See page 23. Large, round, profitable. (<i>Our growing.</i>)	2 42	2 50	75	25	5
Yellow Globe Danvers. See page 24. (<i>Western grown.</i>).....	1 25	1 33	40	15	5
EARLY RED GLOBE DANVERS. See p. 24. Most productive of the early reds. (<i>Our growing.</i>)	2 42	2 50	75	25	5
Southport Early Red Globe. Rounder than early Red Globe; good for fall. (<i>Our growing.</i>).....	2 42	2 50	75	25	5
Philadelphia White. The best variety to grow sets from.....	2 42	2 50	75	25	5
White Portugal. Very early; mild flavored; not a good keeper.....	2 00	2 08	60	20	5
Yellow Strasburg or Large Yellow. A late standard variety.....	1 42	1 50	50	15	5
SOUTHPORT YELLOW GLOBE. See page 23. Eastern grown.....	2 42	2 50	75	25	5
SOUTHPORT WHITE GLOBE. See page 23. Eastern grown. Risky growing north of Mass.	3 00	3 08	1 00	30	5
SOUTHPORT LATE RED GLOBE. See page 23. Eastern grown.....	2 17	2 25	63	25	5
LARGE RED WETHERSFIELD. See page 24. Eastern grown. Pleasant flavored; keeps well.	1 42	1 50	50	15	5

FOREIGN VARIETIES. These need to be sown thicker than the other sorts.

Barletta. The earliest of all onions; white; grows about 1 3/4 inches in diameter.....	2 00	2 08	60	20	5
WHITE PEARL. The earliest of the large-size white varieties.....	1 92	2 00	60	20	5
New Queen. A new white onion, excepting Barletta, the earliest of all. As fine as it is early.....	1 92	2 00	60	20	5
White Dutch. Pickling. See page 23.....	1 67	1 75	53	20	5
LARGE FLAT WHITE ITALIAN. See p. 23. Freest from scallions of the extra large varieties.	1 42	1 50	50	15	5
PRIZETAKER. Largest of all onions; start under glass and transplant.....	1 50	1 58	50	15	5

ONION SETS, ETC.



White Sets. Prices per bush., \$5.00; peck, \$1.40; qt., ex., 40c.; qt., mail, 52c.....	.....	.....	.....	.....	.....
Yellow Sets. Prices per bush., \$4.00; peck, \$1.25; qt., ex., 35c.; qt., mail, 47c.....	.....	.....	.....	.....	.....
Egyptian, or Perennial Tree. For prices, see page 24. Ready from middle of August.....	.....	.....	.....	.....	.....

PARSLEY. (German, *Petersilie*; French, *Persil*.)

Select rich soil and sow the seed in drills, one foot apart, covering one-eighth of an inch deep. The seed is usually from fifteen to twenty-five days vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and garnishing in its natural state; also for edgings in flower-gardens and in bouquets.

ARLINGTON DOUBLE CURLED. (New.) See page 29.....	77	85	30	10	5
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☞ Items in Capitals are specially recommended. ☞

 Vegetable seeds enough for the family garden for \$1.00. See page 38. 

PRICES OF SEEDS.

PARSLEY.—Continued.

	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
<i>Beauty of the Parterre.</i> Most beautiful foliage of intricate quilled leaflets; fine.....	70	78	25	10	5
<i>New Perpetual.</i> This variety does not tend so much as the others to run to seed.....	65	73	23	10	5
<i>FERN LEAVED.</i> A most beautiful, mossy sort; valuable for decoration.....	60	68	20	10	5
<i>Dwarf Curled.</i> Finely curled; good for edging or table ornament.....	60	68	20	10	5
<i>Myatt's Garnishing.</i> Double curled; a standard English sort.....	60	68	20	10	5
<i>CARTER'S CHAMPION MOSS CURLED.</i> Elegant for garnishing.....	65	73	23	10	5
<i>Carter's Covent Garden Garnishing.</i> Probably the best of its type.....	65	73	23	10	5

PARSNIP. (German, *Pastinake*; French, *Panais*.)

Give the richest and deepest soil to the long varieties of Parsnip; the Turnip sort will grow well on shallow soil. Make the soil very fine, and plant the seed very early, in rows eighteen inches apart, thinning plants to three to five inches in the rows. These seeds should be planted shallow. To keep well in the ground over winter draw a little earth over the tops.

<i>Large Dutch.</i> Large and sweet. A standard kind.....	50	58	20	10	5
<i>ABBOTT'S IMPROVED HOLLOW CROWNED.</i> The best hollow crowned. See page 20....	60	68	20	10	5
<i>Maltese.</i> A new long English variety.....	50	58	20	10	5

PEAS. (German, *Erbsen*; French, *Pois*.)

Of the numbers printed against the Peas, 1 indicates first early class; 2, second early; 3, late class. Those marked with (*) are wrinkled varieties, the sweetest of all, but, being liable to rot, need to be planted thicker and later than the round sorts. While the tall sort will run too much to vine if liberally manured, the dwarf varieties, on the contrary, need liberal manuring. Have the dwarfs that grow not over fifteen inches high in rows two and one-half feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart; and the rows of the tallest sort four feet apart. One quart to 150 feet.

VERY DWARF. About one foot. (These very low varieties require no sticking.)

	peck exp.	bush exp.	qt. exp.	qt. mail	
1. <i>PEDIGREE EXTRA EARLY.</i> (New.) See page 25.....	1 40	5 00	25	40	10
1. <i>*EARLY MORN.</i> (New.) See page 26.....	2 75	10 00	50	65	10
1. <i>*American Wonder.</i> The time-honored early dwarf wrinkled Pea.....	1 80	6 50	35	50	10
1. <i>*NOTT'S EXCELSIOR.</i> The best of all the dwarf wrinkled; first early sort. See page 26....	2 10	7 50	35	50	10
1. <i>*GREGORY'S EXCELSIOR.</i> (New.) See page 25.....	2 50	9 00	40	55	10
2. <i>*CARTER'S DAISY or DWARF TELEPHONE.</i> 18 inches, great cropper, pods 5 inches, peas large and delicious.....	2 10	7 50	35	50	10
1. <i>*Carter's Extra Early Premium Gem.</i> Improvement on Little Gem; prolific, longer podded	1 30	4 50	25	40	10
1. <i>Early Prize.</i> A Tom Thumb and Advancer cross, 18 inches high. Peas rich and plenty of them	1 30	4 50	25	40	10

DWARF. (From 2½ to 3 feet.)

All varieties under this class will do without bushing, but on rich garden soil will generally do better bushed.


1. <i>Claudit.</i> (New.) See page 26.....	2 10	7 50	35	50	10
3. <i>*ADMIRAL DEWEY.</i> (New.) See page 25. An exceptionally heavy cropper.....	2 00	7 00	35	50	10
1. <i>*GREGORY'S SURPRISE.</i> (New.) See page 25.....	2 00	7 00	35	50	10
1. <i>*Thomas Laxton.</i> (New.) See page 25.....	2 50	9 00	40	55	10
1. <i>*GRADUS.</i> (New.) See page 25.....	2 50	9 00	40	55	10
1. <i>*Eclipse.</i> A sweet wrinkled sort about as early as the very earliest of the hard peas.....	1 80	6 50	35	50	10
1. <i>*Station.</i> Wrinkled, and as early as Alaska, Dan O'Rourke, Phil. Ex. Early, etc., fine.....	1 80	6 50	35	50	10
1. <i>Sunol.</i> (New.) One of Allan's latest first earlies, and it is as he says—the best.....	1 20	4 00	25	40	10
1. <i>HANCOCK.</i> Has no superior for yield among the early hard peas.....	1 20	4 00	25	40	10
1. <i>Bergen Fleetwing.</i> One of the best of the first early, round, hard varieties; great cropper....	1 20	4 00	25	40	10
1. <i>Extra Early Dan O'Rourke.</i> One of the earliest standard market varieties.....	1 20	4 00	25	40	10
1. <i>Alaska.</i> A blue pea of fine quality, besides being extra early; growing in favor.....	1 20	4 00	25	40	10
1. <i>Maud S.</i> First-rate, as early as Hancock, with larger pods.....	1 20	4 00	25	40	10
2. <i>*BLISS EVER-BEARING.</i> Very productive; peas large, delicious; continues long in bearing.	1 30	4 50	25	40	10
2. <i>*MARKET GARDEN.</i> A tremendous cropper; doubly outyielded the best of 28 varieties....	1 25	4 25	25	40	10
2. <i>*McLEAN'S ADVANCER.</i> Recognized as the market Fourth of July pea.....	1 25	4 25	25	40	10
3. <i>*Improved Stratagem.</i> Nearly free of those small pods which so afflict this variety.....	2 00	7 00	35	50	10
2. <i>*Juno.</i> But about 20 inches high, yet pods extra large and dark green, a good cropper.....	1 40	5 00	25	40	10
2. <i>*Shropshire Hero.</i> This follows Advancer, growing larger pods of finest flavor, two and a half feet.....	1 40	5 00	25	40	10
2. <i>*Dwarf Champion.</i> A favorite variety among gardeners to follow Advancer.....	1 40	5 00	25	40	10
2. <i>*Yorkshire Hero.</i> Late, wrinkled dwarf peas, very large; capital for kitchen garden.....	1 30	4 50	25	40	10
2. <i>*HEROINE.</i> See page 26.....	1 35	4 75	25	40	10



TALL VARIETIES. (Growth from 3 to 4 feet.)

3. <i>MARBLEHEAD EARLY MARROWFAT.</i> See page 26.....	1 20	4 00	25	40	10
3. <i>*TELEPHONE.</i> The remarkably large dark green pods and peas attract customers.....	1 75	6 25	35	50	10
3. <i>*PROLIFIC GIANT PODDED SUGAR.</i> (New.) Pods of gigantic size, broad, sweet, tender and fleshy. To be eaten pods and all.....			50	65	10
3. <i>Melting Sugar.</i> This, with its thick, pulpy, large pods, is to be cooked pods and all.....	2 00		40	55	10
3. <i>*CHAMPION OF ENGLAND.</i> An old favorite; rich flavored and very productive.....	1 25	4 25	25	40	10
3. <i>Black-Eyed Marrowfat.</i> An old favorite, large podded; prolific; capital for market.....	1 05	3 25	25	40	10
3. <i>Large White Marrowfat.</i> A standard late sort.....	1 00	3 00	20	35	10

GINSENG.

In the face of all the glowing accounts of those who represent it to be but another name for gold, we declare our belief in its being practically but a humbug, the market for this whim being so limited that if one per cent. of the roots sold thrived as promised, half the crop would have to go to the manure heap.

 Items in Capitals are specially recommended. 

 When ordering, please write "peck" in full, "pkg." for package. 

PRICES OF SEEDS.

PEPPER. (German, *Pfeffer*; French, *Poivre*.)

Peppers should be started in a cold frame or hot-bed. Transplant the young plants into very rich open ground towards the close of May, having the rows eighteen inches apart, and the plants one foot apart in the row.

	lb. exp.	lb. mail	1=4 lb.	oz.	pkg.
CARDINAL. Six inches long; color brilliant cardinal red; very desirable.....	3 00	3 08	85	30	5
LARGE BELL. A standard sort.....	2 20	2 28	75	25	5
SQUASH or FLAT. The variety generally planted for family use.....	2 20	2 28	75	25	5
Large Sweet Mountain. Very large and excellent for mangoes.....	2 20	2 28	75	25	5
RUBY KING. See page 29.....	2 32	2 40	75	25	5
Child's Celestial. Beautiful. Fruit two inches long, creamy white, changing to deep scarlet.....	2 42	2 50	75	25	5
Procopp's Giant. One of the largest, flesh thick, glossy scarlet, sweet and mild Mango variety.....			75	25	5
Spanish Monstrous. On good soil will grow six inches long and six inches in diameter.....	2 20	2 28	75	25	5
LONG RED or SANTA FE. The standard long red.....	2 42	2 50	75	25	5
Cherry. Small, smooth and round; a great bearer.....	2 42	2 50	75	25	5
CAYENNE. Small, long and tapering; very hot; best for seasoning pickles.....	2 20	2 28	75	25	5
CHILI. Sharply conical, about two inches in length, one-half inch in diameter. Brilliant scarlet....	2 42	2 50	75	25	5
Golden Dawn Mango. Bell-shaped; remarkably prolific and of a magnificent yellow color.....	2 20	2 28	75	25	5

POTATOES. (German, *Kartoffel*; French, *Pomme de Terre*.) See pages 26, 27 and 28.

We offer seed saved from the potato balls. Scarce, as very few varieties make balls.....

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PUMPKIN. (German, *Kürbis*; French, *Potiron*.) Cultivate like squash which please see.

Dauphine Early Bush. (New.) See page 30.....			1 50	40	15
SUGAR. First rate for table or stock. See page 30.....	57	65	20	10	5
CHEESE. Popular in the Middle States; cheese shaped, in character like the Crookneck.....	60	68	20	10	5
Large Field. Good for stock; usually grown amongst field corn.....	32	40	15	10	5
NEGRO. The true old-fashioned, black-warted shelled pumpkin, auld lang syne pie variety.....	87	95	30	10	5
Mammoth Red Etampes. See page 30.....	1 27	1 35	40	15	5
Gibson. Though mammoth, quality very fine; for pies good as marrow squash.....	92	1 00	30	10	5
Michigan Mammoth. Excellent for stock; very large, heavy cropper.....	82	90	30	10	5

RADISH. (German, *Rettig*; French, *Radis et Rave*.)

For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession, sow every two weeks. Nearly all of the varieties named below are French grown.

CRIMSON GIANT FORCING. See page 30. Large without being hollow hearted; quality excellent.....	92	1 00	30	10	5
ICICLE. See page 30. The finest long white; flesh tender and sweet.....	67	75	25	10	5
Triumph. See page 30. Very attractive with its white and scarlet stripings.....	1 00	1 08	30	10	5
Ne Plus Ultra. Deep Scarlet. See page 30. Headquarters stock.....	52	60	20	10	5
EARLY SCARLET GLOBE. For forcing and open ground; not apt to grow spongy.....	57	65	20	10	5
Early White Short Leaved. The best white turnip, tops remarkably short; also for forcing.....	47	55	20	10	5
Earliest Erfurt Scarlet Turnip. Short-leaved; extra early, medium scarlet; glass or open air.....	45	53	20	10	5
Early Scarlet, Olive-shaped. Very early and handsome; quick growth; tender, excellent.....	47	55	20	10	5
FRENCH BREAKFAST. Fine variety of the Olive Radish, scarlet body and white root.....	52	60	20	10	5
Red Turnip-Rooted. Early Scarlet. Standard early, popular in markets of New York.....	52	60	20	10	5
SCARLET TURNIP, WHITE TIPPED. The name defines this elegant new turnip radish.....	57	65	20	10	5
Deep Blood Red. Early, deep blood red, oblong turnip-shaped, of fine quality.....	62	70	23	10	5
Long Brightest Scarlet. Medium long, of a vivid scarlet color, tipped with snow white.....	47	55	20	10	5
BECKERT'S CHARTIER. See page 30. Rose color with white tip. Does not grow pithy.....	47	55	20	10	5
BOSTON LONG SCARLET. The longest of the long scarlets; headquarters stock.....	80	88	25	10	5
Carter's Selected Long Scarlet. Carter & Co.'s best Favorite with Boston market gardeners.....	52	60	20	10	5
Wood's Fine Frame. For cultivation under glass; very early. Shaped between olive and long.....	52	60	20	10	5
Covent Garden or Long Scarlet Short Top. The standard long scarlet variety.....	52	60	20	10	5
GOLDEN YELLOW SUMMER TURNIP. Spherical root; color very rich; very early.....	52	60	20	10	5
Strasburg. A white summer and autumn variety. It grows four inches long, two inches thick.....	57	65	20	10	5
Giant White Stuttgart. Very large white summer sort, quick growth; stands heat.....	52	60	20	10	5
Black Spanish. The round variety; for winter use.....	52	60	20	10	5
CHINESE ROSE WINTER. The best for winter use. Grows large and tender.....	52	60	20	10	5
Large White Russian or California Winter. From the Chinese in California. An acquisition.....	62	70	23	10	5
Mixed Varieties, round and long.....	67	75	25	10	5

RHUBARB. (German, *Rhabarber*; French, *Rhubarbe*.) For prices of roots see page 51.

Sow the seed in drills eighteen inches apart, and cover half inch deep. Thin the plants to a foot apart. When one year old, trench two feet deep, using a liberal quantity of manure. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. The roots may be taken up in the spring and divided. The seed will not usually give plants like the parent.



Mammoth. The largest of all.....	1 40	1 48	50	15	5
Linnæus. Large, tender and of excellent flavor. A well-known market variety.....	1 40	1 48	50	15	5

SALSIFY or VEGETABLE OYSTER. (German, *Saferwurzel*; French, *Salsifs*.)

Sow early in spring, in light, rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked the flavor somewhat resembles the oyster.

WISCONSIN GOLDEN. (New.) See page 35.....	2 00	2 08	60	20	5
MAMMOTH SANDWICH ISLAND. Grows much larger and smoother than the common; popular.....	1 17	1 25	38	12	5

 Items in Capitals are specially recommended. 

 Seeds ordered at mail prices will be sent postpaid by us. 

PRICES OF SEEDS.

SPINACH. (German, *Spinat*; French, *Epinard*.) Write for quotations for Spinach in quantities

For summer use sow early in the spring, in drills eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure very liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose.

ROUND LEAVED. A good summer variety.....	25	33	15	10	5
GIANT THICK-LEAVED. A fine strain of the Round Leaved.....	30	38	15	10	5
Victoria. (New.) See page 29. Dark green, very thick leaf; long in running to seed.....	30	38	15	10	5
Long Standing. As its name implies, latest in seeding, and one of the best for garden use.....	30	38	15	10	5
BLOOMSDALE or NORFOLK SAVOY. Springy leaved, keeps longer after cutting.....	30	38	15	10	5
Extra Large Round-Leaved, or Viroflay. Grows to a large size.....	30	38	15	10	5
Prickly Seeded. The hardest variety; thick leaved. For fall sowing.....	25	33	15	10	5
New Zealand. Makes large plant; endures drought; best quality. Fine as a foliage plant.....	90	98	30	10	5

SQUASH. (German, *Garten-Kürbiss*; French, *Courge*.)

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at the rate of eight or ten cords to the acre, working it just under the surface with the cultivator or gang plow. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster in early stages of growth. Cultivate frequently. For full particulars in every department, see our work, "Squashes and How to Grow Them."

MAMMOTH WHITE BUSH SCALLOP. See page 32.....	67	75	25	10	5
White Early Bush. Earliest summer sort.....	62	70	23	10	5
Summer Crookneck. Early.....	62	70	23	10	5
Golden Bush. Differs from the White Bush only in color.....	62	70	23	10	5
STRICKLER'S SUMMER. See page 32.....	77	85	25	10	5
Dunlap's Early Prolific Marrow. Good for late planting.....	82	90	25	10	5
DUNLAP'S EARLY PROLIFIC MARROW. See page 32. A fine strain; our own growing....	1 17	1 25	38	12	5
Boston Marrow. See page 32. A standard fall squash, of a rich orange color; very productive...	72	80	25	10	5
The Faxon. This sports into many varieties but quality averages excellent.....	1 17	1 25	38	12	5
WARREN. (New.) See page 33.....	1 12	1 20	38	12	5
GOLDEN BRONZE. (New.) See page 31.....	1 12	1 20	38	12	5
DELICIOUS. (New.) See page 31.....	1 42	1 50	50	15	10
Bay State. Bluish green; thick shelled, popular in Boston market.....	92	1 00	30	10	5
MARBLEHEAD. For full description, see page 33.....	1 00	1 08	30	10	5
Golden Hubbard. (New.) See page 32.....	1 00	1 08	30	10	5
HUBBARD. Our introduction; now the standard winter squash throughout the United States....	1 00	1 08	30	10	5
The Victor. (New.) See page 32.....	1 02	1 10	30	10	5
WARTED HUBBARD. (New.) See page 33.....	82	90	30	10	5
Cocoanut. See page 32.....	92	1 00	30	10	5
Mammoth Yellow Chili. One of the giant squashes that draw all eyes at the Fairs.....	1 00	1 08	30	10	5
CANADA CROOKNECK. The small, well-known, excellent kind.....	1 00	1 08	30	10	5
Large Winter Crookneck. See page 32. The old standard sort, the best keeper; coarse grained	1 00	1 08	30	10	5

SUNFLOWER. Sow thinly in drills three feet apart and thin to two feet apart in the row.


Common.	20	28	10	5
Mammoth Russian. Fine variety. Valuable for poultry or vegetable oil. Flowers and seed large	20	28	10	5

SWISS CHARD.

Cultivate as beets. The tops while young are boiled as greens, the centre and side ribs are cooked and served like asparagus.



GIANT PERPETUAL. Called "Cut-and-Come-Again." Can be substituted for both spinach and asparagus. See page 29.....	67	75	23	10	5
Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow.....	50	58	20	10	5
Common.	50	58	20	10	5

TOMATO. (German, *Liebes-Apfel*; French, *Tomate*.)

 Many of the list below are of our own growing, or grown for us by the originator.

Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy, stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day if possible; if not the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and encircling them with three or four barrel hoops, makes a very nice support for training them. One ounce of seed for about twelve hundred plants.

CHALK'S JEWEL. (New.) See page 33.....	2 92	3 00	98	30	10
NOLTE'S EARLIEST. (New.) See page 34.....	2 92	3 00	98	30	10
EARLIANA. (New.) See page 34.....	3 00	3 08	1 00	30	10
Bond's Early Minnesota. Earliest of the spherical sorts, size below average, but immense cropper	2 00	2 08	60	20	5
Vaughn's Earliest of All. The earliest of ninety varieties; fruit small, very productive.....	2 00	2 08	60	20	5

 Items in Capitals are specially recommended. 

☞ When seeds are ordered to be sent by express or railroad the cost of transportation will be at expense of purchaser. ☞

PRICES OF SEEDS.

TOMATO. — Continued.

	lb. exp.	lb. mail.	1-4 lb.	oz.	pkg.
<i>Early Ruby.</i> One of the first earliest; resembles Perfection, but not as large.....	1 75	1 83	55	20	5
<i>LIVINGSTON'S DWARF STONE.</i> (New.) See page 34.....	3 50	3 58	1 10	35	10
<i>ENORMOUS.</i> (New.) See page 34.....	2 32	2 40	70	25	10
<i>LIVINGSTON'S NEW MAGNUS.</i> (New.) See page 34.....	2 17	2 25	65	25	5
<i>Maule's New Imperial.</i> A fine second; a first class variety.....	1 90	1 98	60	20	5
<i>DWARF CHAMPION.</i> Plant upright; fruit perfectly round and very brilliant scarlet.....	2 42	2 50	70	25	5
<i>Buckeye State.</i> Very large, smooth, purple; yields fruit in great clusters.....	2 42	2 50	70	25	5
<i>Essex Hybrid.</i> Early, deep purple color, handsome form; good size; popular.....	2 40	2 48	70	25	5
<i>Livingston's Paragon.</i> Supply directly from Livingston, his first and one of his best.....	1 90	1 98	55	20	5
<i>Livingston's Beauty.</i> See page 34. From originator.....	2 40	2 48	70	25	5
<i>Livingston's Perfection.</i> Splendid for canning or shipping; dark red; direct from originator....	2 37	2 45	70	25	5
<i>Livingston's Favorite.</i> Smoother than Paragon, darker red than Perfection. Headquarters stock	2 40	2 48	70	25	5
<i>LIVINGSTON'S NEW STONE.</i> See page 33. Headquarters stock.....	2 00	2 08	60	20	5
<i>Livingston's Acme.</i> Supply directly from the originator. Differs from Paragon in color only....	1 67	1 75	53	20	5
<i>PONDEROSA.</i> Monstrous; inclined to rot; better for show than use.....	2 92	3 00	98	30	10
<i>Trophy.</i> This magnificent variety is particularly valuable in the home garden.....	2 00	2 08	60	20	5
<i>Improved Ground Cherry.</i> Excels the old variety in size of fruit.....			1 25	40	10
<i>Yellow Fig.</i> Pear shaped, and used to preserve as figs.....				20	10
<i>Cherry.</i> Flavor unsurpassed. Fruit small, but a wonderful cropper.....				30	5
<i>Yellow Plum.</i> Small, elegant. Nice for preserves.....				30	5
<i>Currant.</i> Very elegant; resembles long bunches of currants; for ornament only.....				30	10
<i>Twenty-one Choice Varieties,</i> mixed..... package only					5

TURNIP. (German *Rübe*; French *Navet*.) ☞ Our friends, if they wish turnips for fall or early winter use, will order the English varieties, or if they want some for winter or spring, will order the Swedes.

For early use sow the small sort as soon as the ground can be worked in the spring, in drills fourteen inches apart; the Rutabagas thirty inches. As the seed is very fine, it should be covered but slightly. Select light, if possible, new soil, and manure with ashes or phosphates. Should the young plants be troubled with insects a sprinkling of plaster will be found beneficial. Of the early varieties, thin the plants to six inches apart, and the Rutabagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to the first of July, using one and a half pounds of seed to the acre. "Swede" and "Rutabagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market.

EARLY VARIETIES. (White and yellow fleshed.)

<i>EXTRA EARLY WHITE TOP MILAN.</i> (New) See page 35.....	72	80	25	10	5
<i>PURPLE TOP MILAN.</i> See page 35.....	52	60	20	10	5
<i>Early Purple Top Munich.</i> A very early, deep Purple Top variety, earlier than Red Top.....	50	58	20	10	5
<i>EARLY RED (OR PURPLE) FLAT TOP.</i> Fine, sweet, mild; rapid grower; very popular....	40	48	20	10	5
<i>EARLY WHITE TOP FLAT.</i> Differs from Red Top only in color.....	40	48	20	10	5
<i>Scarlet Kashmyr.</i> Of a rich, pink red color; early; an excellent keeper.....	40	48	20	10	5
<i>Purple Top Globe.</i> Contesting the field with Red Top; a thick, round, quick growing variety....	40	48	20	10	5
<i>White Stone or Snowball.</i> A thick, Early White Top. The favorite in the London market....	40	48	20	10	5
<i>Golden Stone.</i> A fine, oblong, yellow fleshed variety; very handsome an acquisition.....	40	48	20	10	5
<i>IMPROVED YELLOW GLOBE.</i> Fine for family use or field culture. An American variety....	40	48	20	10	5
<i>Orange Jelly.</i> A round yellow, English turnip, of finer quality than Golden Ball.....	40	48	20	10	5
<i>Yellow Finland.</i> Elegant; less eaten by worms than most sorts. Good for table.....	40	48	20	10	5
<i>Green Top Aberdeen.</i> Round, yellow-fleshed and firm; a good keeper.....	40	48	20	10	5
<i>WHITE EGG.</i> See page 35. Headquarters stock. Large, handsome, early; keeps first rate.....	50	58	20	10	5
<i>Pomeranian White Globe.</i> A very fine White Globe variety; round and thick.....	40	48	20	10	5
<i>LONG WHITE COWHORN.</i> A very fine strain, matures quickly, carrot shaped, fine and sweet..	50	58	20	10	5
<i>White Tankard.</i> In shape resembling a tankard; white-fleshed; a heavy cropper.....	45	53	20	10	5

SWEDES OR RUTABAGA.

<i>Laing's Improved Swede.</i> One of the earliest; handsome round variety; fine for the table.....	40	48	20	10	5
<i>AMERICAN RUTABAGA.</i> Popular among gardeners for table and stock; flesh solid.....	40	48	20	10	5
<i>CARTER'S ELEPHANT.</i> (New.) See page 35.....	40	48	20	10	5
<i>Improved Purple Top Swede.</i> See page 35.....	40	48	20	10	5
<i>Hartley's Swede.</i> One of the largest of the Swedes; short-necked; round in shape, very fine....	40	48	20	10	5
<i>Skirving's Purple Top Rutabaga.</i> Standard field variety, fine for family use; yellow-fleshed....	40	48	20	10	5
<i>Shamrock Swede.</i> A popular English sort; short-neck, and oblong in shape; yellow-fleshed....	40	48	20	10	5
<i>Carter's Imperial Swede.</i> Messrs. Carter & Co. rank this as the best of their Swede turnips....	50	58	20	10	5
<i>BUDLONG.</i> See page 35.....	50	58	20	10	5
<i>White Rock</i> Imp. on Large White French. Less apt to grow hollow than Sweet German.....	40	48	20	10	5
<i>Large White French, or White Swede.</i> A white market Rutabaga.....	40	48	20	10	5
<i>Sweet German or Russian.</i> White, sweet, excellent; a first-rate keeper.....	40	48	20	10	5

☞ Items in Capitals are specially recommended. ☞

Kindly send in your orders early, which will be as well for you and better for us.

PRICES FOR SEEDS.

GRAINS, GRASSES, CLOVER SEEDS; FORAGE PLANTS, ETC.

Prices for quantities of items not fully quoted cheerfully given upon application.

	per bu. weight	peck exp.	bu. exp.	3 lbs mail	1 lb. mail	pkg.
Macaroni or Durum Wheat. (New.) See page 38.....	60 lbs.	60	2 00	50	20	10
Pearl Millet or Mand's New Wonder Grass. See page 37.....	60 "	1 50	5 50	60	25	5
Manshury Barley. See page 36.....	48 "	50	1 50	50	20	10
Beardless Barley. See page 36.....	48 "	55	1 75	50	20	10
Japanese Buckwheat. See page 37.....	48 "	50	1 60	50	20	10
Amber Cane. Standard sugar variety; also much used for fodder; per lb., per exp., 10 cts.....	50 "	65	2 25	50	20	10
Orange Cane. A little later than the amber, but richer in juice; per lb., per exp., 10 cts.....	50 "	65	2 25	50	20	10
Alsike or Swedish Clover. A cross between white and red; fine for hay.....	60 "	2 50	9 50	90	35	10
White Clover. Fine for lawns, also good for bees.....	60 "	4 00	15 00	1 10	40	10
Crimson Clover. This variety, an annual, is fine for soiling cattle; has a beautiful blossom.....	60 "	2 00	7 00	70	25	10
Red Clover, Banner Brand. Extra Clean Seeds. The very best. See page 36.....	60 "	2 50	9 00	80	30	10
Timothy Grass. Extra Clean Seeds. The very best. See page 36.....	45 "	1 00	3 20	75	25	10
Red Top Grass. Extra Clean Seeds. The very best. See page 36.....	36 "	1 25	4 40	75	25	10
Awnless Brome Grass. Hardy and vigorous, succeeding on light soils where common grasses fail; for hay and pasturage.....	12 "	50	1 50	80	30	10
Orchard Grass. See page 36.....	14 "	65	2 25	80	30	10
Gregory's Special Lawn Grass. A mixture of twelve fine varieties. See page 36.....	16 "	1 00	3 75	1 00	35	10
Hungarian Grass. Excellent for hay for light land.....	48 "	60	1 75	50	20	10
Japan Millet. Crus Galli. (New.) See page 37.....	35 "	65	2 35	50	20	10
Saskatchewan Spring Wheat. See page 38.....	60 "	60	2 00	50	20	10
Lincoln Oats. (New.) See page 36.....	32 "	50	1 40	50	20	10
Winter Rye. A fine sample.....	56 "	50	1 50	50	20	10
Alfalfa or Lucerne. See page 36.....	60 "	3 00	10 75	80	30	10
Kaffir Corn. See page 37.....	60 "	1 00	3 00	40	15	10
Milo Maize or Rural Branching Sorghum. See page 37.....	60 "	1 00	3 00	40	15	10
Doura Brown. See page 37.....	60 "	1 25	4 50	60	20	10
Rhode Island Bent. Some use this alone for lawns; also good for pastures.....	15 "	65	2 35	80	30	10
Kentucky Blue Grass. Does well on light soils and is recommended for permanent pasture.....	14 "	65	2 35	80	30	10
Rape Seed. Dwarf Essex. See page 38. Per lb., per exp., 10 cts.; per 100 lbs., \$8.....	50 "	1 25	4 50	60	20	10
Dwarf Broom Corn. Dwarf in habit; fine brush. 10 lbs., per exp., \$1.25.....				60	20	10
Improved Evergreen Broom Corn. Standard tall variety. 10 lbs., per exp., \$1.25.....				60	20	10
Soja Beans or American Coffee Berry. See page 38.....	58 "	1 10	3 50	70	25	10
Soja Beans Medium Early Green. See page 38.....	58 "	1 25	4 00	70	25	10
Cow Peas. (Black.) See page 37. Good for fodder and to turn under. 1 1/2 bush. per acre.....	60 "	65	2 25	60	20	10
Canada Field Peas. See page 37.....	60 "	65	2 25	60	20	10
Sand, Winter, or Hairy Vetch. (<i>Vicia villosa</i> .) See page 37.....	60 "	2 15	8 00	75	30	10

SWEET OR POT AND MEDICINAL HERBS. *Figure 1 denotes Seasoning; figure 2, Medicinal Herbs.*

For Ground Sage, see page 8.											
	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.
1 Sage, broad leaved.....	1 42	1 50	45	15	5	2 Saffron.....	15	5	1 Rosemary.....	35	5
1 Thyme, French, high flavored.....				25	5	1 Coriander.....	10	5	1 Sweet Fennel.....	10	5
1 Thyme, broad-leaved English.....	2 50	2 58	75	25	5	1 Sweet Basil.....	15	5	2 Fenugreek.....	30	5
1 Summer Savory.....	90	98	30	10	5	1 Dill.....	10	5	2 Catnip.....	30	5
1 Sweet Marjoram.....	1 15	1 23	35	10	5	2 Hyssop.....	15	5	2 Melis Balm.....	25	5
1 Caraway.....	50	58	15	10	5	2 Rue.....	15	5	2 Wormwood.....	15	5
2 Hoarhound.....	1 40	1 48	45	15	5	2 Lavender.....	35	5			

Asparagus, Horse-Radish, Rhubarb Roots, Fruit and Hedge Seeds, etc.

Chufas or Earth Almonds. These grow under ground and are edible, having a fine nut-like flavor. Hogs are very fond of them. Price, postpaid, per pound, 40 cents; pound, per express, 32 cents; per package, 5 cents.

Early Giant Argenteuil Asparagus Roots (new). Two years old per 100, per express, \$1.00; per 1,000, per express, \$7.00
Columbian Mam. White Asparagus Roots, two years old per 100, per express, 90 cts.; per 1,000, per express, \$6.00
Palmetto Asparagus Roots, two years old per 100, per express, 75 cts.; per 1,000, per express, \$5.50
Moore's Cross-bred Asparagus Roots, two years old per 100, per express, 90 cts.; per 1,000, per express, \$6.00
Conover's Colossal Asparagus Roots, two years old per 100, per express, 70 cts.; per 1,000, per express, \$5.00
Horse-Radish Sets. Price, per doz., postpaid, 20 cts.; per express, per 100, \$1.00; per 1,000, \$5.50; per 100, per mail, \$1.15
Rhubarb Roots. Linnaeus and Victoria Price, per express, 15 cts. each; \$1 50 per doz.; per mail, 20 cts. each; \$2.00 per doz.
Rhubarb Roots Mammoth. Mammoth in size, quality fine. We have fine stocks of these. Each, postpaid, 35 cts.; \$2.75 per doz., postpaid; per express, 20 cts. each; \$2.00 per doz.
Prickley Comfrey Roots. For fodder for cows, horses and sheep. Price, per doz., postpaid, 30 cts.; per 100, \$1.50
Spearmint and Peppermint Roots. Also Tansy Roots. Recalling our grandmother's gardens. Each, per bunch, postpaid, 20 cts.
Holt's Mammoth Sage Roots. These grow to double the size of the common sort; perfectly hardy. Per root, postpaid, 20 cts.
Apple Seed Price, per pound, postpaid, 60 cts.; per quarter pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.
Pear Seed Price, per pound, postpaid, \$2.00; per quarter pound, 60 cts.; per ounce, 20 cts.; per package, 10 cts.
Berberry. For prices see page 40. Excellent for hedges, the fruit makes a popular preserve.
Yellow Locust. Honey Locust. Osage Orange. Each, per pound, postpaid, 65 cts.; per quarter pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.
Buckthorn Price, per pound, postpaid, \$1.25; per quarter pound, 38 cts.; per ounce, 15 cts.; per package, 5 cts.

As we expect a supply of Paris Golden and Giant Pascal Celery Plants, will Customers wanting kindly write about July 10 and oblige.

Items in Capitals are specially recommended.

CHOICE VARIETIES OF FLOWER SEED

WE have aimed to include in our collection of Flower Seeds standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with our vegetable seed. Let us remind our friends that Flower Seed, being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. For the smaller varieties, such as pansies, the rows may be from ten to twelve inches apart; the largest upright varieties, such as zinnias and marigolds, the rows should be fifteen to eighteen inches apart; while for running varieties, such as verbenas, the rows may be two feet apart. Seed the size of sweet peas may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in and facilitate vegetation if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small, with a bold hand, and after they have attained the height of two inches, thin again boldly. Give each plant plenty of room, according to its habit of growth. A common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A." annexed to the name of varieties signifies Annual; "B." Biennial; "P." Perennial.

ANNUALS grow, bloom, and die the first year from seed; **BIENNIALS** bloom the second year from seed, and then die, though many, if sown early in the spring, will flower the first year. **PERENNIALS** usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS, SEE PAGES 7 AND 8.

- | No. | Abronia Umbrellata. (A.) | Price per pkg. |
|-----|--|----------------|
| 1 | Handsome trailing plants, with clusters of sweet-scented, rosy pink flowers, resembling the Verbena..... | \$0.05 |
| | Aconitum. (Monk's Hood.) (P.) | |
| 2 | Grows well in any good soil, even when in the shade..... | .05 |
| | Acroclinium. (A.) | |
| | Beautiful everlasting flowers. Cut when they begin to expand. | |
| 3 | Acroclinium, Double, Mixed | .05 |

- Adlumia Cirrhosa.**
(Mountain Fringe.) (B.)
- 4 An attractive climber, with beautiful feathery foliage resembling the Maiden Hair Fern. Flowers rose colored..... .05
- Adonis.**
Hardy plants with delicate foliage, flowering freely and of easy cultivation.
- 5 **Adonis Estivalis. (A.)**
Deep crimson.05
- 6 **— Vernalis. (P.)** A charming hardy variety with large yellow flowers, blooming early in spring. .05
- Ageratum. (A.)**
- 7 **Ageratum, Choice, Mixed.**
Suitable for pot culture or bedding, bearing in profusion clusters of feathery flowers. This mixture of colors contains the beautiful amethyst blue..... .05
- Anemone Japonica Queen Charlotte. (P.)**
- 8 Very hardy and easily grown from seed. Flowers large, semi-double, of the same beautiful shade of pink as the "La France" Rose. .10
- Ammobium.**
(Everlasting Flower.) (A.)
- 9 **Ammobium Alatum Grandiflorum.** Large white-flowering variety.. .05



Arctotis Grandis.

- | No. | Alyssum. (A.) | Price per pkg. |
|-----|---|----------------|
| | Free flowering plants for beds, edging, etc. Useful for bouquets because of their delicate fragrance. | |
| 10 | Alyssum Sweet, Little Gem. Dwarf and compact, with plants a mass of white from spring until frost..... | \$0.05 |
| 11 | — Sweet, White. Per ounce, 25 cts..... | .05 |
| 12 | — Saxatile. (Hardy Alyssum.) Beautiful spring-blooming variety, with flowers of a deep pure yellow..... | .05 |
| | Amaranthus. (A.) | |
| | Ornamental foliage plants. They are most brilliant on poor soil. | |
| 13 | Amaranthus Tricolor Splendens. Very brilliant..... | .05 |
| 14 | — Salicifolius. The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age..... | .05 |
| | Arabis Alpina | |
| 15 | Hardy, herbaceous plant, with pure white flowers blooms very early in the spring; fine for borders, desirable for cemeteries..... | .05 |
| | Arctotis Grandis. (A.) | |
| 16 | Handsome bushy annual 2 ft. high, flowering abundantly from early summer until late autumn. The beautiful daisy-like flowers, 2½ in. across, are white, shaded with pale lilac and zoned with yellow..... | .10 |
| | Asparagus Plumosus Robustus. | |
| 17 | The fronds often attain a length of 9 ft., are very dark green and finely feathered. Being of such vigorous growth it yields more sprays for cutting than any other variety and is easily propagated..... | .20 |

No.	Balsams. (A.)	Price per pkg.
	Beautiful, half-hardy annuals, from 1½ to 2 ft. in height. Sow the seed early in frames, and transplant to a well-enriched border.	
61	Balsams. Improved Camelia-flowered. Finest Mixed. Flowers very large, and extra double.....	\$0.10
62	— Improved Camelia-flowered White Perfection. Pure white, with large, very finely formed double flowers. The plant with its stems thickly crowded with snow-white blossoms, produces a magnificent effect.....	.10
63	— Dwarf Spotted. Finest Mixed.....	.05
64	— Double, Very Fine. Mixed. Rich, effective and popular.....	.05
65	— Double, Rose-flowered. Very Double. Splendid Mixture.....	.05

Begonia. (P.)

Tuberous Rooted Varieties. (See Shrubs.) It is impossible to over-estimate the value of these magnificent flowering plants. In colors ranging from pure white to deep, rich crimson, they make a gorgeous display, excelling the most vivid Geraniums.

66	Tuberous Rooted Single. Splendid mixture.....	.15
67	— Double. Mixed. Splendid quality, saved from a choice, rich collection....	.30
68	— New Double Fringed. Ninety per cent of the seedlings are double, half of which have the beautiful characteristically fringed petals. The double flowers, 4 to 5 in. in diameter, display a charming effect, the white ones resembling little snow-balls. White, pink and scarlet mixed.....	.15

Bird of Paradise.

69	The foliage of this beautiful plant, similar to a delicate Acacia, is very decorative. The flowers are rich golden yellow, 2½ in. across, growing in very large trusses. The most attractive part of the flower is the large, bright crimson pistils which are spread out in fan-like form. If seeds are started early plants will bloom first year..	.10
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Calceolaria. (P.)

Flowers highly decorative; very desirable, indeed, invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

70	Calceolaria Tigridus. A spotted variety, extra fine.....	.25
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Calla Devoniensis. (See Cut.)

71	A beautiful free flowering Calla. The seedlings come true and will bloom profusely the first year. One year old plants often produce from six to eight flowers which are of great beauty. They are pure white, large, and are borne on stout stalks. If sown at intervals of four to six weeks this Calla can be had in bloom all the year. Pkt., 25 seeds.....	.25
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Calendula. (See Marigolds.)**Canary Bird Flower. (A.)**

72	A highly ornamental creeper, with exceedingly beautiful yellow fringed flowers, and finely divided foliage.....	\$0.05
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Canna.

The beauty of these extremely ornamental foliage plants is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson and vermillion, and many varieties are beautifully spotted. If sown in February, in hot-beds or pots in the house, will bloom in August. Cut seed at one of the points, soak several hours in hot water.

73	Canna Variegata. The leaves are of light green, thickly splashed, lined and barred with red and yellow, and margined with a clear, crimson color. Flowers brilliant scarlet.....	.10
74	— Crozy's New Hybrids.....	.10
	Saved from the most beautiful new varieties, mostly dwarf, early bloomers, and very remarkable for beauty, size of flowers and foliage; capital class for pots and forcing.	
75	— Extra Choice. Mixed.....	.05

Candytuft. (A.)

Very useful for bedding, bouquets and pot culture.

76	Candytuft, Little Prince. (See Cut.) A charming new dwarf variety, growing 4 in. high, with large spikes of pure white flowers.....	.10
77	— Rose Cardinal. A very striking and rich color.....	.05

**"Cup and Saucer" Canterbury Bells.**

No.		Price per pkg.
78	Candytuft, Empress. Strong, free-growing, with candelabra-shaped branches, producing immense trusses of pure white flowers.....	\$0 05
79	— Mixed.....	.05

Canterbury Bells. (B.)

Very ornamental, growing about 2 ft. high, producing beautiful, large, bell-shaped flowers, which make a glorious display when planted in large beds.

80	Canterbury Bells. Single, blue and white mixed.....	.05
81	— Double. Mixed.....	.05

"Cup and Saucer" Canterbury Bells.

(*Campanula Calycanthema*.) (See Cut.)

A beautiful variety, vigorous and symmetrical in growth; often has thirty to forty large handsome flowers open at the same time on one stalk.

82	Campanula Calycanthema. Splendid Mixed.....	.10
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Centaurea. (A.)

83	Bachelor's Button or Centaurea Cyanis. A showy, hardy annual succeeding well in any soil, and bearing a profusion of flowers in shades of pink, blue and purple.....	.05
84	Centaurea Margaret. Large, fragrant flowers; produced on long stiff stems they are fine for cutting and decoration..	.05
85	— New Giant Imperial. The best yet introduced. Grows 4 ft. high, of enormous dimension, covered with large, very fragrant flowers of an infinite variety of color.....	.10

Centrosema Grandiflora.

86	A hardy perennial vine of exquisite beauty, blooming the first year from seed. Flowers about 2 in. in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white. Seeds should be soaked in hot water before planting.....	.05
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Chrysanthemums. (A.)

Handsome hardy annuals producing quantities of large flowers of striking colors, making a brilliant display

87	Single or "Painted Daisy" Varieties. Mixed \$0.05	
	Double Varieties.	
88	— Double Yellow. Flowers intense golden yellow, globe-shaped, extremely double.....	.05
89	— Double Fringed. Mixed. Flowers very double, with exquisitely fringed petals, in great diversity of colors, from white and yellow to blood-red purple.....	.10

Cineraria.

90	Beautiful free flowering plants, for greenhouse and window garden. Flowers large, of rich colors, completely covering the plant with a mass of bloom. Finest mixed varieties.....	.25
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Clarkia. Single Mixed. (A.)

91	Pretty hardy annual, about 18 in. high, blooming from June to Sept.....	.05
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Clematis. (P.)

Beautiful, hardy climbers, unrivalled for covering arbors, fences, verandas, etc.

92	Clematis. Perennial sorts. Fine varieties mixed.....	.10
93	— Pitcheri. Brilliant scarlet.....	.10

**Candytuft, Little Prince.****Calla Devoniensis.**

**Dahlia Lucifer.**

- No. **Clanthus Dampieri.** (*Glory Pea.*) (A.) Price per pkg.
 94 Magnificent plants, with drooping clusters of large, rich scarlet, pea-shaped flowers, 3 in. in length. Each flower is beautifully marked with a black cloud-like blotch. It requires a warm soil, and should be watered sparingly..... \$0.05
Cobea Scandens. (A.)

Magnificent, rapid-growing climbers, with large, bell-shaped flowers adapted for out-door growth in summer; also for the house and greenhouse. The seed should be started in the house and planted edgewise.

- 95 **Cobea Scandens. Purple**..... .10
 96 **Cobea Scandens. White**..... .10

Coleus. (A.)

Gorgeous colored plants, with variegated foliage; indispensable for ornamental bedding, and fine for pot culture.

- 97 **Coleus. Fine Varieties. Mixed**..... .10
 98 — **New large-leaved dwarf.** Plants grow from 6 to 8 in. in height, producing leaves in great profusion, which vary in color from blackish red to red marbled and spotted .15
 99 — **Hybridus Ornatus.** Very large-leaved and strikingly ornamental. The leaves are irregularly spotted and marbled with blackish purple, blood-red, carmine and rose, here and there abundantly sprinkled with white, yellow, green and brown15

Columbine. (*Aquilegia.*) (P.)

Well-known hardy plants, growing about 2 ft. high, blooming in May and June. These beautiful perennials, with their fine foliage and abundance of long-stemmed, graceful flowers rising above it, should be more generally cultivated.

- 100 **Columbine. Double Mixed.** Very double, in a beautiful variety of colors..... .05
 101 — **California.** Flowers waxy yellow, large and handsome..... .10
 102 — **Chrysantha.** (*See Cut.*) A splendid new double-flowering variety. Plants robust, and the numerous branching flower stems are crowned with a profusion of double and semi-double golden yellow flowers..... .15
 103 — **Long-Spurred, Double Hybrids.** New double flowering California Columbine. The colors range from white and yellow to light and dark blue..... .15

Convolvulus. (A.)

Beautiful half-hardy climbers, producing an abundance of rich-colored flowers. The dwarf varieties are fine for bedding.

- 104 **Convolvulus Minor.** (*Dwarf*) **Mixed**..... .05

- 105 — **Major.** (*Morning Glory.*) **Fine Varieties Mixed**..... .05
 106 — **Large-flowering Rochester.** Vines strong, growing quickly 12 to 20 ft. high, with magnificent foliage. Flowers 4 to 5 in. across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edge. The flowers form in clusters of from three to five, from the ground to the top of the vines..... .05

Japanese Imperial Morning Glories.

- 107 Flowers 3 in. in diameter, varying in their rich and delicate coloring tints and markings of crimson, blue, white, yellow and brown. Some elegantly spotted with pink, crimson, blue and bronze; others striped, blotched or mottled. Some are frilled, and of odd and singular forms. Even the foliage varies in striking colors, some leaves green, some rich yellow, or marbled with golden-brown, and splashed with white, silver and green. Vines of vigorous and rapid growth. Mixed, single and double..... .10

Coxcomb. (A.)

Hardy attractive annuals for bedding and pot culture.

- 108 **Coxcomb Glasgow Prize.** Fine dwarf sort, with large crimson combs..... .10
 109 — **Crimson.** Tall, very fine (pure)..... .05
 110 — **Dwarf Mixed.** Very beautiful..... .05
 111 — **Triumph d' Exposition.** Exceedingly beautiful, bearing large, feathery, crimson plumes. Equally effective in groups or as single plants..... .10
 112 — **Spicata.** A beautiful variety, with cylindrical flower spike $2\frac{1}{2}$ to 4 in. long. The flowers when first opened are of a bright rose tint, changing gradually to a silvery white. The elegant, long-stemmed flowers hold their beauty even in unfavorable weather, and are also fine when dry for winter bouquets..... .10

Coreopsis. (*Calliopsis.*) (A.)

One of the most showy of all annuals, the colors being so striking as seldom to be passed without a remark.

- Price per pkg.
 113 **Coreopsis, Drummond's.** Yellow flowers, crimson centre \$.05
 114 — **Golden Wave.** Very bushy and compact. A mass of bright, golden color from July to October. Flowers 2 in. across, with small dark centres..... .05
 115 — **Mixed Varieties.** Yellow and brown and velvety brown..... .05
 116 — **Lanceolata.** (P.) The perpetual Golden Coreopsis. Very free blooming and lasting in its golden glory throughout the summer and fall. Unequalled for cutting. .05

Cosmos. (A.)

A very effective autumn flowering plant, with beautiful foliage, growing from 6 to 8 ft. high, literally covered with very large, single, daisy-like flowers, in shades of rose, purple and white. For cutting, this is one of the finest flowers grown. Sow in April in pots or in the hot-bed, and transplant one foot apart.

- 117 **Cosmos. The Bride. Pure White.** The White Cosmos is the most fragrant..... .10
 118 — **Mammoth. New Fancy Varieties.** In this splendid mixture are monster pink and white flowers, beautiful crimson shade, delicate white and mauve, white daintily tinted and clouded with pink and mauve. Some large, white blossoms have broad plaited petals and pinked edges..... .10
 119 **Early Cosmos. Mixed.** Extra early blooming in July.. .05

Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

- 120 **Cypress Vine. Scarlet. Very Brilliant**..... .05
 121 — **White**..... .05

Dahlia. (P.)

Sow the seeds early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

- 122 **Dahlia. Single Varieties.** Splendid mixture. Handsome bedding plants, and extensively used for cutting.... .10
 123 **Dahlia Single. Perfection or Giant.** A splendid strain. The seed being gathered from the broadest petalled flowers only, reproduces them in a variety of the most splendid colors, among which are many striped sorts..... .15

- 124 **Dahlia Single Black Leaved "Lucifer."** (*See Cut.*) The leaves are black-brown, the flower stalks black and the flowers a glowing dark scarlet merging in the centre into a deep blood-red. The plants grow about two and one-half feet high, are very effective even as a single specimen, but much more so when several are grouped together on the lawn. It is an excellent long-keeping cut flower..... .20

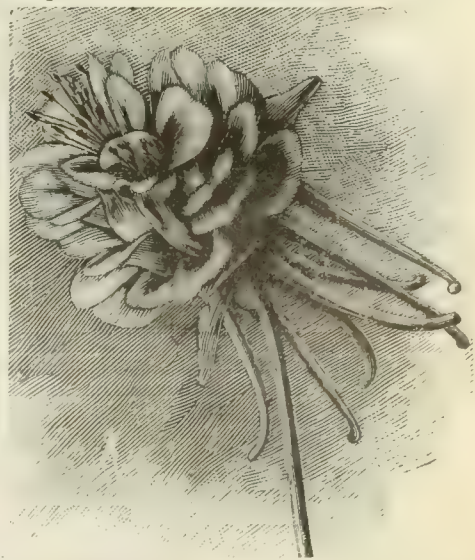
- 125 — **Double Mixed.** Seed from fine named sorts..... .10
 126 — **Juarez.** (*Cactus Dahlia.*) **Splendid Varieties Mixed.** .15
 127 — **Double Gloria.** Perfectly new race in a great diversity of forms. One plant produces its flowers as a double

Scabiosa, another as a double Gailardia, a third as a peony-flowered Aster, the next as a perennial Pyrethrum, another as a double Zinnia, and still another as a rosy red Giant Daisy. Their colors are as rich and varied as in all other classes. Price per package, 15 cts.

Datura. (P.)

Showy plants, producing very large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

- 128 **Datura. Wright's** White, bordered with lilac. Price per package, 5 cts.

**Columbine Chrysantha.**

One package each Columbine Double Mixed, Japanese Morning Glory, and Coreopsis Golden Wave for 15 c.



Shasta Daisy.

- No. **Shasta Daisy.** (P.) (See Cut.) Price per pkg.
 129 This is one of the creations of Mr. Luther Burbank. It is perfectly hardy, grows anywhere and blooms more abundantly each season. The flowers are very large, a foot or more in circumference, growing on long stems, with two rows of broad, pure white petals and a yellow centre. Per package, 20 cts. Roots, 25 cts, each.

Double Daisy. (*Bellis Perennis.*) (P.)

- Charming plants for edgings and dwarf beds, blooming the first year from seed. Thrive well in shady places.
 130 **Daisy, Snowball.** Large flowered, pure white, and extremely double, with very long stems, making them valuable for cutting..... \$0.10
 131 — **"Longfellow."** Flowers of unusual size, a dark rose color..... .10
 132 — **Double. Mixed**..... .05

Delphinium. (*Perennial Larkspur.*)

- Flowers remarkable for their great beauty, diversity of shades, and striking appearance. Desirable for mixed borders. If sown early will bloom first year from seed.
 133 **Delphinium Formosum.** Our flowers were 2 in. in diameter by actual measurement, brilliant azure blue in color. Spikes 8 to 10 in. in length..... .05
 134 — **Elatum.** (*Bee Larkspur.*) Blue. 2ft..... .05
 135 — **Hybridum. Fine Mixed, Splendid**..... .05
 136 — **Elatum, Semi-Dwarf.** (See Cut.) A beautiful new variety, growing about 3 ft. in height. Flowers extra large, in all shades of blue, from the lightest celestial to the deepest indigo. Remarkably fine when in full bloom and worthy a permanent place among our leading perennials..... .15

Dictamnus. (*Gas Plant.*) (P.)

- 137 Handsome free flowering herbaceous plants with fragrant foliage. Blooms during June and July, the flowers giving off in hot weather a fragrant volatile oil, which ignites when a match is applied. Fraxinella, showy rosy-pink flowers..... .05

No. **Eccremocarpus Scaber.** (See Cut, page 57.) Price per pkg.

- 138 A showy, hardy climber, which, because of its very rapid growth, garland-like foliage and profusion of golden yellow blossoms, is excellent for covering walls, trellises, etc. \$0.15

Eschscholtzia. (*California Poppy.*) (A.)

- A very showy plant, about 1 ft. high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.
 139 **Eschscholtzia, New Giant, "The Golden West."** Flowers very large with overlapping petals, often delicately waved at the edges. In some the orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine pencilled lines; others again have an orange centre with a margin of clear yellow, while the Maltese cross in some of the flowers is very distinct..... .10
 140 — **Finest Mixed**..... .05
 141 — **Double Mandarin.** Large double flowers..... .05

Eternal Flower. (*Helichrysum.*) (A.)

- Ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.
 142 **Eternal Flower.** "Fireball." Rich crimson-maroon.... .05
 143 — **Yellow**..... .05
 144 — **Mixed**..... .05

Euphorbia. (P.)

- 145 **Euphorbia Heterophylla.** "Mexican Fire Plant." Large, bushy plants growing about 3 ft. high, with very ornamental, dark-green leaves, which, as the season advances, become blazed with scarlet. Sow early in pots or hot bed, and transplant to open ground in May..... .05
 146 — **Variegata.** "Snow on the Mountains." Leaves edged with pure white..... .05

Erigeron Auranticus. (P.)

- 147 One of the earliest flowering perennials, producing stout, many-branched flower stems of about 1 ft. in height, with numerous large flowers, $1\frac{1}{2}$ to 2 in. across, varying in all shades of colorings from white to rose and from yellow to light and deep orange..... .15

Feverfew. (*Matricaria.*) (P.)

- A beautiful half hardy perennial, well adapted for beds.
 148 **Feverfew, Double Dwarf.** Flowers large, creamy-colored and very double..... .05

Forget-me-not. (*Myosotis.*) (P.)

- A very pretty, little, hardy perennial, about 6 in. high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.
 150 **Forget-me-not. Distinction.** Very dwarf and free-flowering, blooming two months after seed is sown..... .10
 151 — **Blue.** The standard variety..... .05
 152 — **"Jewel."** This variety produces on a long flower stem a perfectly formed brilliant sky-blue head..... .10
 153 — **Late Flowering Victoria.** In the late springtime when other varieties of Forget-me-not are ceasing to bloom, this will commence to blossom and the plants will soon be so covered with the beautiful blue flowers that scarcely any leaves can be seen..... .15

No. **Useful, Fancy and Ornamental Gourds.**

- We have selected for our mixed variety of gourds all the numerous kinds of the useful, fancy and ornamental sorts. These include the beautiful mock orange, a dish of which would pass anywhere for one of real oranges; the hen's egg, which would pass as readily for a dish of real eggs; the bottle, the double bottle, the dipper, the sugar trough, Hercules' club, etc. The last three named varieties require the full season to mature, and it would be better to start them by mid April under glass or in the house. In very rich ground the small ornamental sorts will be apt to overgrow.
 154 **Hen's Egg.** For nest eggs; handy when darning stockings..... .05
 155 **Hercules' Club.** Grows four to six feet in length..... .05
 156 **Sugar Trough.** For holding liquids. They will last years..... .05
 157 **Double Pottle**..... .05
 158 **Dipper.** Used as its name indicates..... .05
 159 **Useful, Fancy and Ornamental.** Mixed Varieties... ..05



Delphinium Elatum Semi-Dwarf.



Eccremocarpus.

- No. Price per pkg.
171 Remarkably hardy plants 1½ ft. high, growing well in any soil and flowering profusely in graceful sprays of fine white. Much esteemed for bouquets..... \$0.05

Heliotrope. (A.)

- Well-known, deliciously fragrant plants, excellent for bedding purposes or pot culture.
172 Heliotrope Mixed..... .10
173 — New Mammoth. Very sturdy and branching, producing immense umbels of light and deep violet flowers. The delicious perfume of this novelty far exceeds the well-known Giant sort..... .15

Hibiscus. (P.)

- 174 New Perennial Hibiscus. Crimson Eye.** (See cut.) See shrubs.
 A robust grower, with dark red stems and foliage. Flowers immense, often measuring 20 in. in circumference, pure white, with a large spot of deep velvety crimson in the center of each flower. Will succeed anywhere, and is perfectly hardy..... .05

Hollyhocks. (P.)

- Seeds should be sown in June or July to have flowering plants the next summer; or, if sown in the house early in the spring, they will bloom the first year.
175 Hollyhocks, Chater's Improved Double. Mixed..... .10
176 — Snow White..... \$0.15 **177 — Rose**..... .15
178 — Sulphur Yellow..... .15 **179 — Purple**..... .15
 Seed saved from one of the finest collections, and will produce very large double flowers of striking beauty.
180 — Tall Double. Mixed..... .05
181 — Annual Everblooming. A new variety, blooming the first year from the seed. If sown in March the plants will commence blooming in July, attain a height of eight feet, branch freely and flower in great profusion until frost. The flowers are single and double, ranging through all shades of white, yellow, black, apricot, carmine, red and purple..... .15

Foxglove. (B.)

- No. Price per pkg.
160 Foxglove, Large Flowering. Spotted and Mixed.
 Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white and yellow. \$0.05

Fuchsia. (A.)

- Elegant flowering plants, of easy culture in pots for parlor decoration or in the garden. In the garden they require a slightly shaded situation. Soil should be rich.
161 Fuchsia. Finest Varieties. Mixed..... .15

Gaillardia. (P.)

- One of the most showy and brilliant of garden flowers, fine for bedding and cutting, producing large flowers of rich shades throughout the summer.
162 Gaillardia. Single. Grandiflora Splendid Mixed..... .05
163 — Picta Lorenziana, Double. Flowers very double, of various shades, orange, claret, amaranth, sulphur, etc..... .05

Geranium. (A.)

- 164 California Giant Flowering Hybrids.** Flowers very large, of the most perfect forms, with splendid trusses. The colors are all shades of scarlet, crimson, rose, pink, salmon, cream, veined pink, blush, pure snowy white and all the new aureole types with lovely rings and white eyes. If started early in the house will make flowering plants the first year..... .15

Globe Amaranth. (A.)

- Tender annuals about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open.
165 Globe Amaranth. Variegated and Mixed..... .05

Gloxinia. (P.)

- A superb class of greenhouse and indoor plants, producing, in great profusion, elegant flowers of the richest and most beautiful colors. They are quite easily grown from seed. Sow in March on the surface, in a warm, moist atmosphere; transplant into shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, repot in the spring and water freely; will blossom second season.
166 Gloxinia. Grandiflora. Mixed..... .25

Godetia. Finest Mixed. (A.)

- 167** Very attractive hardy annuals, about one foot high. Flowers of a beautiful satiny texture..... .05

Grasses, Ornamental.

- Very desirable for bouquets, both for summer and winter. For winter use, cut about the time of flowering, tie up in small bunches, and dry in the shade.
168 Grass, Ornamental. "Job's Tears." (A.) This well-known variety is so called from the appearance of its shiny, pearly fruit, which resembles a falling tear. Half hardy..... .05
169 — Quaking. (A.) A graceful, shaking grass..... .05
170 — Pampas. (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous, long, silken plumes of flowers. Flowers the second season; cover carefully during winter..... .10

Humulus. (A.)

- 182 Humulus Japonicus. (Japan Hop.)** Of very rapid growth, with luxuriant foliage, making a dense covering. .05
183 — Variegatis. Leaves beautifully blotched and variegated with silvery white, yellowish green and dark green..... .10

Ice Plant. (A.)

- 184** A singular looking, tender annual, with thick fleshy leaves that have the appearance of being covered with crystals of ice..... .05

Impatiens. (Balsam.) (P.)

- 185 Impatiens Sultanii.** A perennial balsam of compact growth, producing almost continuously charming bright, rose-colored flowers..... .10
186 — Holstii. New, very handsome Sultan's Balsam, of quick, vigorous growth. The flowers measure about one and one-half inches across, of a brilliant vermilion in color. In a half shady situation the plants grow luxuriantly out of doors, and form unusually showy flower beds. Especially fine for pot culture..... .20



New Hibiscus, "Crimson Eye."

No.	Ipomea. (A.)	Price per pkg.	No.	Price per pkg.
	Very beautiful and popular climbers; deservedly so from the fine foliage and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.		215	Marigold, Meteor Large-flowered. Flowers dark orange red, <i>double, very large</i>.....\$0.10
187	Ipomea Bona Nox. (Evening Glory.) Allied to the Morning Glory, but differs from it, choosing the evening for its time of blooming. Flowers pure white, deliciously fragrant, and very large. Soak seed in hot water several hours before planting.....	\$0.10	216	— African. The old-fashioned sort, greatly improved in size.....05
188	— Mexicana Grandiflora Alba. Large white flowers with a delicious fragrance.....	.10	217	— French.....05
189	— Large-flowering. Mixed.....	.05		Mignonette. (A.)
	Kochia Scoparia, or Summer Cypress. (A.)			A general favorite on account of its delightful fragrance. Blooms throughout the season. Sow from middle of April to middle of June. Most fragrant on poor soil.
190	Kochia Scoparia, or Summer Cypress. Burning Bush. The plants are always of globe-like form, branching freely, the stems being covered with delicate light green foliage. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire. Very showy when planted singly to show the round ball-like form.....	.05	218	Mignonette, Myles' Hybrid Spiral. Plant dwarf and branching; flowers white, very fragrant, spikes 8 to 14 in. long. Fine for outdoor or pot culture.....
	Lantana. (P.)		219	— Orange Queen. An ideal Mignonette. The growth is dwarf and compact, leaves thick and of a fine green. The enormous spikes are closely filled with large flowers of a beautiful orange color, very fragrant.....
191	This showy greenhouse plant forms a small bush, covering itself with pink, yellow and orange flowers, and also flowers of changeable color. Start in the house. Fine varieties mixed.....	.10	220	— Machet. Plants dwarf and vigorous, of pyramidal growth, with broad spikes of very fragrant red flowers. Fine for pot culture and equally valuable for borders,.....
	Larkspur. (A.)		221	— Allen's Defiance. Spikes of remarkable size, and deliciously fragrant, much more so than any other variety and they retain their grace and fragrance until every bud opens.....
	Very beautiful; hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set 10 in. apart.		222	Sweet.....Per oz.....15
192	Larkspur Stock-flowered. Tall-branching, finest mixed variety, producing long spikes of flowers in the most delicate colors.....	.05		Nasturtium. (A.)
193	— Emperor Double. Finest Mixed. Very beautiful variety, producing long spikes of flowers in the most delicate colors.....	.05		Tall Varieties.
194	— Giant Hyacinth-flowered. An improved type.....	.05	223	Nasturtium. Tall. Mixed.....Per oz.....\$0.10
195	— Tall Rocket, Double, Mixed. Plants large and showy.....	.05	224	— "Vesuvius." A dazzling fiery rose.....
196	— Dwarf Rocket, Double, Mixed.....	.05	225	— Scheuerianum. Straw-colored, striped brown
	American Lavender.		226	— Coccineum. Brilliant Scarlet
197	Both flowers and foliage are very fragrant and retain their pleasant odor after being dried, making the plant useful and delightful for wardrobes, etc.....	.05	227	— Dunnett's Orange
	Leptosiphon. (A.)		228	— Atropurpurea. Dark Blood Crimson
198	Leptosiphon. Mixed. Colors dark maroon, orange, lilac, purple, crimson, violet, golden, yellow and white. Desirable for edgings and rockwork.....	.05	229	— King Theodore. Maroon
	Linaria. (A.)		230	— Brownish Lilac
199	Linaria, Royal Purple. The nearest approach in general effect to Purple Heather.....	.10	231	— Madame Gunter. Remarkable for great richness of color in shades of rose, salmon, bright red and pale yellow; also spotted and striped.....
200	— The Pearl. The plants are completely covered with the beautiful white snapdragon-like blossoms almost hiding the foliage; fine for beds and borders. Cut flowers keep fresh in water for weeks.....	.15	232	— Jupiter. Rich pure yellow flowers 3½ in. across
	Lobelia. (A.)			Dwarf Varieties.
	Strikingly pretty, profuse blossoming plants; the delicate, drooping habit of the <i>Erinus</i> varieties renders them fine for hanging baskets, while the compact sorts, forming little mounds of blooms, are splendid for beds, edgings, etc.		233	Nasturtium. Dwarf Mixed
202	Lobelia Erinus. Mixed. Blue, white, and blue and white marbled.....	.05	234	— Prince Henry. Flowers large, yellow marbled and spotted with brilliant crimson, frequently tipped with dark red.....
203	— Double. Mixed. An acquisition.....	.10	235	— Ruby King. Carmine
204	— Compacta. Crystal Palace. Dark Blue.....	.10	236	— Empress of India. Brilliant Scarlet. Dark foliage.....
205	— Cardinalis. (P.) (Cardinal Flower.) Hardy perennial with long spikes of brilliant scarlet flowers, unrivalled for permanent bed or border.....	.10	237	— Chameleon. Crimson, Bronze and Yellow
206	— Cardinalis Grandiflora. (P.) Flowers of brilliant scarlet twice as large as the common sort. Plants branch freely, and when in full bloom measure 4 ft. in height.....	\$0.25	238	— Rose
	Love-in-a-Mist. (Nigella.) (A.)		240	— White
207	A curious plant about 1 ft. high, with finely cut leaves and single flowers.....	.05	241	— King of Tom Thumbs. Scarlet, with bluish-green foliage.....
	Love-lies-bleeding. (Amaranthus Caudatus.) (A.)			For collection of Nasturtiums see page 63.
208	Hardy annual, 3 to 4 ft., pendent spikes of blood-red flowers.....	.05		Lobb's Nasturtium. (Tall.)
	Lupins. (P.)		242	Leaves and flowers not as large as the ordinary tall Nasturtium, but far surpassing them in profusion and brilliancy of flower, making them desirable for trellises, etc.; also for pot culture. Mixed. In great variety of color.....Price per ¼ lb., 25 cts.
209	Lupins. Mixed. Showy hardy plants from 2 to 3 ft. high, producing spikes of attractive flowers.....	.05		MORNING GLORY. (See Convolvulus Major.)
	Marvel of Peru. (Mirabilis.) (A.)			Maurandia. (A.)
210	The old and well-known <i>Four O'Clock</i> . Fine plants, flowers various colors, making a fine summer hedge, set 1 ft. apart.....	.05		A delicate free-flowering climber, for the conservatory or trellis work in the garden; also desirable for hanging baskets. Start early in pots, transplant when the weather becomes warm.
	Marigold. (Tagetes.) (A.)		243	Maurandia Barclayana. Rich Violet
	Extremely showy, 1 to 2 ft. high, well adapted to garden culture, blooming profusely through the season.		244	— Mixed. Violet, white, rose and pink
211	Marigold, French. ("Carter's Butterfly.") A beautiful variety with alternate petals of velvety purple-brown and old gold.....	.05		
212	— Legion of Honor. Plants about 8 in. high, blooming from July until frost. Flowers single, of a beautiful, rich, golden-yellow with large blotches of velvety-brown.....	.05		
213	— African. (El Dorado.) (See Cut.) Flowers 3 in. in diameter, in all shades of yellow, lemon, primrose, gold and deep orange.....	.05		
214	— Calendula, Prince of Orange. Flowers striped with an intense, glowing shade of orange.....	.05		



Marigold El Dorado.

- No. **Mimulus.** (*Monkey Flower.*) (P.) Price per pkg.
- A half-hardy plant, of the easiest culture, about nine inches high, producing a profusion of very pretty flowers. It is perennial in the greenhouse, and may be easily propagated by cuttings. Select a moist, rather shaded location.
- 245 **Mimulus Cardinalis.** Scarlet. From California; one foot..... \$0.05
- 246 — **Moschatus.** (*Musk Plant.*) Much esteemed for its strong musk odor..... .05

- Mourning Bride.** (*Scabiosa*) (A.)
- A class of beautiful hardy annuals, from one to two feet high; valuable for cutting, as they remain a long time in bloom and do not droop easily.
- 247 **Mourning Bride, Snow Ball.** Pure White. Very large and extremely double. .10
- 248 — **Mixed.**..... .05
- 249 — **Fiery Scarlet.** Very large flowering variety of brilliant color..... .05

- Nicotiana Sanderae.** (*See Cut.*) (A.)
- 250 This beautiful hybrid *Nicotiana* was raised in England and has been exhibited at the Temple show and elsewhere and in every case has been spoken of as a most strikingly beautiful plant. The originators describe it as forming bushy, much branched plants two feet high, the whole plant laden with flowers from base to summit, literally ablaze with most handsome carmine-red fragrant blossoms, thousands of which are produced on a single plant.
- It is as easy to grow as a *Petunia*. If started indoors in early spring and planted out in May it gives a continuous display of blooms all summer and autumn. It can also be sown in the open ground when the weather becomes warm..... .15

- Nolana.** (A.)
- 251 Very pretty, trailing, hardy annuals, fine for rockwork, hanging baskets, or for bedding. Mixed colors..... .05

- Oxalis.** (P.)
- A splendid class of plants, suitable for hanging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in midwinter. Half-hardy.
- 252 **Oxalis Rosea.** Rose colored flowers; blooms abundantly..... .05
- 253 — **Tropaeoloides.** Deep Yellow flowers; brown leaves.. \$0.05

- Pansy.** (*Heart's-ease.*) (A.)
- Select moist, rich soil, and manure heavily with old cow manure. Rake very fine and have rows a foot apart, thin plants to 4 inches in the row. Plant in May, in somewhat shaded location, for summer blooming. For spring flowering, seed should be sown in August and lightly protected during winter.
- 254 **Pansy, Carter's Peacock.** A beautiful and striking variety. The upper petals are of a beautiful ultramarine, closely resembling the peculiar shade of this color in the feathers of the peacock..... .15
- 255 — **Indigo King.** In our experimental garden we found this new pansy to be of good size, of various shades of dark blue, without spots or markings but running to lighter shade on edge of petals..... .15
- 256 — **Fiery Faces.** Color, purple scarlet, with yellow margin and yellow eye. The three lower petals are regularly marked with large, velvety purple-black spots..... .15
- 257 — **Woodbury's Finest German.** Mixed. Spotted, marbled, and striped. Unsurpassed in their almost endless variety of shades and brilliant coloring..... .10
- 258 — **Cardinal.** Nearest approach to bright red yet attained..... .10
- 259 — **Cassier's Giant.** Gigantic flowers, beautifully blotched, and borne well above the foliage on strong stems. A rich and showy strain..... .15
- 260 — **Giant Magnifica.** (*See cut.*) Plants of compact, bushy form with luxuriant foliage. Flowers immense in size, magnificent in varied, brilliant colors and strong markings, being blotched, veined, striped, edged and blended;



Pansy Magnifica.

- No. Price per pkg.
- petals large, broad and thick, overlapping one another. A novelty of great merit..... \$0.20
- 261 **Pansy Mme Perrett.** A new strain originated by a French specialist. Flowers very large, beautifully veined in diversity of colors, especially rich in wine shades..... .15
- 262 — **Giant Yellow. Spotted.** A new and distinct variety of the five-blotched *Cassier* tribe; flowers very large, of a pure golden-yellow, with a dark blotch on each petal.. .15
- 263 — **Masterpiece.** A remarkable new type, the border of every petal being conspicuously undulated and curled, giving them a globular appearance. Flowers are extremely large. There are some tints of color not seen in other Pansies. Plants vigorous and remarkably free-flowering. .15
- 264 — **Bugnot's Superb Blotched.** Very beautiful, extra large flowers with broad blotches; two upper petals finely lined..... .15
- 265 — **"Lord Beaconsfield."** Color purple violet, shading off in the top petals to a whitish hue..... .05
- 266 — **Emperor William.** Flowers rich, ultramarine blue.. .10
- 267 — **Trimardeau, or Giant Pansies. Mixed.** Distinct and splendid race of vigorous and compact growth. Flowers of perfect form, immense size. Extra fine strain. .15
- 268 — **Trimardeau. Striped.** Extra large flowers, very fine. .10
- 269 — **Trimardeau. Giant Yellow.** Beautiful and showy. .15
- 270 — **Pure White.**..... .10
- 271 — **King of Blacks.** Deep coal black..... .05
- 272 — **Bronze colored.**..... .10
- 273 — **Fine Mixed.**..... .05
- 274 — **Gregory's Choice Special Mixture.** This contains selections from the very finest varieties, several of which are not listed in this catalogue..... .20

Passion Flower.

- No. Handsome, rapid-growing climber, for greenhouse or sunny location in the open ground in summer.
- 275 **Passiflora Cœrulea Grandiflora.** Large flowers of violet and blue..... .10

Petunia. (P.)

- For brilliancy and variety of colors, and the long duration of their blooming period, *Petunias* are indispensable in any garden, also highly prized for pot culture.
- 276 **Petunia Hybrid Snowball.** A very dwarf variety, with beautiful, large, satiny-white flowers, covering the plant with bloom..... .10
- 277 — **Large-flowering, Yellow-throated Mixed.** The flowers are of large size, of faultless form, with a broad and deep yellow throat, beautifully veined..... .20
- 278 — **Superbissima Nigra.** Gorgeous dark-red flowers, with large jet-black throat.. .20
- 279 — **Double Rose Fringed.** About 35 per cent. of the seedlings develop into neat bushes 4 to 6 in. high, bearing large double and very beautifully fringed flowers of brilliant rose. One of the most perfect double *Petunias* yet produced..... .30
- 280 — **Vilmorin's Hybrid, Large-flowering Striped.** Flowers beautifully striped, variegated and spotted. Remarkable for rich colors and large size..... .10
- 281 — **Fringed.** Satiny-white blotched with purple crimson..... .15
- 282 — **Fringed and Veined.** Rose veined with black..... .15
- 283 — **Fringed.** Largest flowered, mixed in great variety of colors..... .15
- 284 — **Five Mixed.**..... .05
- 285 — **Giants of California.** Remarkably fine. Flowers very large, in every conceivable shade of crimson, white, violet, lavender, etc..... .20
- 286 — **Howard's New Star.** Dark crimson maroon with rich velvety texture and clearly defined five-rayed star of bluish white. Over eighty per cent. of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less beautiful. Remarkably free-flowering.... .10



Nicotiana Sanderae.

Customers' selection of Pansies. Any three 10 cent packages for 25 cents; any three 15 cent packages for 40 cents.

- No. **Phaseolus. (A.)** Price per pkg.
 287 **Phaseolus Caracalia.** A beautiful climber for the garden or greenhouse. Flowers bluish lilac, valued by florists for their delicious fragrance and resemblance to orchids. Start seed early in pots or under glass. \$0.05

Phlox Drummondii. (A.)

In this great variety of rich colors, probably the most brilliant of all annuals. Fine for bedding, making a dazzling show throughout the entire season.

- 288 **Phlox Drummondii. Mixed Colors.**.....per 1/2 oz., 15 cts.; oz., 50 cts. .05

Large Flowering Varieties.

Magnificent class. Flowers as large as those of the perennial Phloxes.

- 289 **White**.....\$0.08 292 **Yellow**......08
 290 **Deep Purple**......08 293 **Large Flowering. Mixed.**.....08
 291 **Bright Scarlet**......08

One package each of the four named varieties for 25 cts.

Dwarf Varieties.

- 294 **Fireball. Very brilliant**......08
 295 **Snowball. Fine white**......08
 296 **Heynholdi. Mixed. Fine for pot culture**......05

Fimbriata.

- 297 **Petals toothed, beautifully fringed and margined with white. Mixed.**.... .10

New Star Phlox. (Cuspidata.) (See Cut.)

- 298 **The flowers, with their long pointed petals and broad white margins, have a beautiful, star-like appearance. Many and wonderfully brilliant colors.** .05

Physalis Franchetti. (Chinese Lantern Plant.)

- 299 **A distinct variety attaining a height of 18 to 24 in. Out of the pretty foliage appears the brilliant, orange-scarlet capsules, 2 1/2 in. across, containing fruit like a cherry in shape and color. Popular as a fruit for preserving, and as an ornamental plant for the garden. Grown in pots, it makes a beautiful house plant.**..... 05

Price per pkg.

Pinks.

These favorite flowers are unrivalled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

- 300 **Pink Carnation. Therese Franco. (P.)** Plants robust and compact. Flowers upright, perfectly double, very fragrant, satiny rose, frosted with white, flushed with salmon and sometimes striped with white. We recommend this variety to florists.\$0.20
 301 **Carnation. (P.) Double finest mixed.** Colors extremely rich and beautiful.15
 302 **Chabaud's Fancy Ever-blooming Carnations.** A new strain produced by a carnation specialist. Plants healthy and vigorous, flowering continuously in six months from sowing; hardy enough for garden cultivation. The flowers very large, double and fragrant; mixed.10



Shirley Poppies.

- 303 **Marie Chabaud.** Pure canary yellow..... Price per pkg. \$0.15
 304 **McKinley. Chabaud's Strain.** Bright scarlet, strongly scented.15
 305 **Maria Immaculata. Chabaud's Strain.** Pure white... .15
 306 **Pink Picotee. (P.) Choicest Varieties. Mixed.** Very beautiful, combining the most perfect form with the richest of colors20
 307 **Margaret Carnation. Mixed.** The plants are very compact and free bloomers. Flowers double, deliciously fragrant, of brilliant colors, ranging through many beautiful shades of reds, pinks, whites, variegations, etc. The seedlings bloom when only five months old, and flowers can be had all summer and winter, if some consecutive sowings are made. Seed from the introducer05
 308 **"Guillaud" Strain. Mixed.** Fine variety of colors, including clear yellow and others with yellow stripes. Very fragrant. Blooms in a few months from seed..... .10

Summer Blooming Varieties.

These hardy garden pinks are among the most popular flowers in cultivation. Brilliant in colors, fine for cutting, free flowering and easily grown.

- 309 **Pink Mourning Cloak.** Large double flowers of a blackish purple, fringed and sharply margined with white..... .05
 310 **Laciniatus. Tall, Finest Double Mixed.** Magnificent double flowers; very large and beautifully fringed.... .10
 311 **Heddewig's Double Mixed.** Large flowers 3 in. in diameter; beautiful, rich colors, finely marked and marbled..... .05
 312 **Heddewig's Double Fireball.** Bushy plants with fiery red blossoms..... .10
 313 **Chinese, Finest Double Mixed.**..... .05
 314 **Double Imperial. Snowball.** Beautiful fringed flowers of purest white..... .10



New Star Phlox.

No. Price per pkg

- 315 **Pink. Double Star.** All the lovely bright colors of the Heddewigii class are represented in this, while in shape it is much superior..... \$0.10
 316 **Crimson Belle.** Magnificent single fringed flowers of a velvety crimson..... .05
 317 **Double Fringed and Striped. Mixed**..... .05

Poppy. (A.)

- 318 **Poppy, Glaucum. (Tulip Poppy.)** A strikingly beautiful effect is produced by a bed of these brilliant scarlet poppies in full bloom, the colors being of such glowing richness as to perfectly dazzle the eye..... .10
 319 **English Scarlet.** The common field poppy of England.... .05
 320 **White Swan.** Flowers of fabulous size, very double, lacinated, and of the purest possible white, and continues longer in bloom than other Poppies.... .05

- No. 321 **Double Mixed.** Brilliant and showy. Fine for background and shrubbery..... .05
 322 **Fairy Blush.** Immense globular flowers; perfectly double, petals elegantly fringed; color pure white, tipped with rose..... .05
 323 **Crocium. (P.) Orange Yellow.** Large and very double.10
 324 **The Shirley Poppies. (See Cut.)** Flowers single and semi-double, in colors extending from pure white through delicate shades of pink, rose, and carmine to deepest crimson, and many are delicately edged, shaped and striped.... .10
 325 **Dwarf Shirley Poppies.** The delicate round petalled flowers are about 3 in. across, in various shades of light and dark salmon, red and orange, and are often prettily bordered with white..... .10
 326 **Iceland Poppies. (P.)** Flowers deliciously fragrant, ranging in color from pure white and yellow to glowing orange and scarlet, flowering in great abundance the first year from seed, and blooming by the first of May the following spring..... .10
 327 **New Striped.** Although the percentage of true plants from seed is not higher than 30 to 40 per cent, the striped flowers of this new variety are so beautiful that we do not hesitate to offer the seed..... .10

Portulaca. (A.)

Sow early, in warm, light soil, and thin plants to 4 in.

- 328 **Portulaca Single. Mixed**.....per ounce, 40 cts. .05
 329 **Large-flowered. Double**..... .05

Rodanthe. (A.)

A beautiful and charming everlasting flower. The flowers when gathered as soon as opened, are very desirable for winter bouquets, retaining their brilliancy for months.

- 330 **Rodanthe Maculata, Single. Mixed.**..... .05

Customer's Selections of Pinks. Any three 10 cent packages for 25 cts.; any six 5 cent packages for 25 cts.

- Primula. (P.)** Price per pkg.
- Beautiful, low-growing, spring-flowering plants, for borders or pot culture. The flowers are borne in clusters on stalks 4 to 8 in. high. The English Primrose is perfectly hardy; other varieties should be protected over winter.
- 331 **Primula Sinensis. (Chinese Primrose.)** Splendid mixed. \$0.15
- 332 — **Vulgaris. (English Primrose.)** The old favorite yellow Primrose. .05
- 333 — **Elatior. Mixed. (Polyanthus.)** Early blooming, for spring beds or pot culture. .10

Pyrethrum. (P.)

- 334 **Pyrethrum. Mixed.** Flowers, both single and double, in great variety of colors. Extremely showy, easy to grow, hardy, and invaluable for cutting. If cut down after flowering in June will flower again freely in September. .05
- 335 — **Hybridum Roseum Grandiflorum.** Fine large Pyrethrum, flowers often reaching 4 in. in diameter; beautiful variations of color between light rose and deep carmine. .15

Ricinus. (Castor Oil Plant.) (A.)

- A highly ornamental, half-hardy annual, growing from 4 to 6 ft. high, presenting quite a tropical appearance. Select warm, dry soil, and plant 6 ft. apart.
- 336 **Ricinus Zanzibariensis. (Zanzibar Castor Beans.)** (See Cut, page 62.) Very showy, with gigantic leaves, which range from brilliant coppery-bronze to light and dark green; the ribs also are of bright colors, making a beautiful contrast with the leaves. 15 seeds. .05
- Rudbeckia, Bi-color, Superba. (A.)** (See Cut.)
- 337 This fine new Rudbeckia grows about 2 ft. in height, forming a many-branched, dense bush, producing its long-stemmed flowers in greatest abundance. Flowers are yellow, with large, velvety-brown spots at the base. .10

Salpiglossis. (A.)

- 338 **Salpiglossis, New Emperor.** This new variety forms only one leading stem which bears on its summit a bouquet of the most beautiful flowers, every one of them richly veined with gold, and much larger even than those of the grandiflora type. .10
- 339 — **Emperor. Yellow.** Beautifully veined large flowers of pure golden yellow. .15
- 340 — **Grandiflora. (See Cut.)** Flowers 2 to 3 in. in diameter, vividly marked, spotted, and striped on ground colors of deep blue, rose, violet, yellow, reddish bronze, purple, etc. In rich coloring they vie with Orchids. Very effective in sunlight, which brings out the beautiful tints and veinings. Start early in hotbed, transplanting to light, warm, rich soil. In mixed colors. .05

Salvia. (P.)

- Very ornamental plants, 2 ft. high, producing tall spikes of gay flowers. Sow early in hotbed, or in pots in the house, and transplant 2 ft. apart. Half hardy.
- 341 **Salvia Coccinea.** Splendid scarlet. .05
- 342 — **Bonfire.** Fine for bedding; grows about 2½ feet high, forming handsome globular bushes, producing long spikes of brilliant, dazzling scarlet flowers. Blooms the first year. .10

Sanvitalia. (A.)

- 343 Beautiful dwarf-growing plants densely covered with perfectly double golden flowers, of great value for beds and borders. .05

Schizanthus. (Poor Man's Orchid.) (A.)

- 344 Strikingly like an orchid, but small and insignificant. Very free flowering. .10



Salpiglossis.



Rudbeckia.

- Silene. (Catchfly.)** Price per pkg.
- Hardy plants flowering in great profusion throughout the summer. The Annual Silenes can be specially recommended for autumn sowing, as they will then produce a most effective show in the spring garden.
- 345 **Silene Mixed. (A.)** .05
- 346 — **Bijou. (A.)** (See Cut.) Flowers extra double, of a brilliant salmon rose. .15
- 347 — **Asterias Grandiflora. (P.)** Hardy perennial variety, bearing in great profusion upright flower stalks, each carrying a large globular head of crimson scarlet flowers. .15
- 348 **The Genuine Irish Shamrock.** .10

Smilax. (P.)

- 349 No climbing plant surpasses this in beauty and grace of foliage. Extensively used for bouquets and floral decorations. .05
- Snaptagon. (Antirrhinum.) (P.)**

An old garden favorite of easiest culture; very showy, flowering the first season from seed, yielding an abundance of fine flowers for cutting.

- 350 **Snaptagon. Tall. Mixed.** .05
- 351 — **Majus Grandiflorum. Mixed.** A fine strain with very large flowers. We offer splendid mixture, containing great variety of rare and remarkable shades not hitherto seen in the old collections. .10



Silene Pendula Double "Bijou."

- 352 — **Black Prince.** The flower spikes are of velvety black with intense purple reflex, with golden-yellow anthers peeping over the black palate of the flowers like two fiery eyes. .10
- 353 — **Dwarf Golden Leaved "Sunlight."** Foliage of intense glossy canary yellow. Flowers rosy-white regularly spotted and striped with carmine. Seeds produce about 65 per cent. of true yellow-leaved plants. .15

Stocks.

- Half-hardy annuals, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in spring in pots or in hotbed, and transplant one foot apart. Bloom from June until November.
- 354 **Stocks, Princess Alice.** Snow white. This variety, also known as "Cut and Come Again," and "White Perfection," grows about 2 ft. high, is of very branching habit, and produces in great abundance very large, beautiful, pure white flowers, which are replaced as they are cut. .10
- 355 — **Victoria, Ten Weeks. (Deep blood-red.)** Every plant forms a perfect pyramidal-shaped bouquet, covered with beautiful, bright, fine double flowers. .10
- 356 — **Dwarf. German. Finest Mixed.** .05
- 357 — **Ten Weeks. Double. Mixed.** .05
- 358 — **Dwarf. Large-flowering. Finest Mixed.** Very Double. One of the finest stocks in cultivation. .10

Sweet Clover. (A.)

- 359 **Sweet Clover.** Valuable for its fragrance. .05

Sweet Sultan. (Centaurea.) (A.)

- Very showy, 1 to 2 ft. high, succeeding well in any soil.
- 360 **Sweet Sultan. Mixed.** .05
- 361 — **Yellow.** The most beautiful Sweet Sultan. Flowers remarkably long-lived, very fragrant, and golden in color. .05

Large Flowering Sweet Peas.

We have discarded the small flowering sorts and selected the following varieties from a list of nearly two hundred as being among the finest for size, form and color.

These well-known universal favorites have been much improved, the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed, embracing, as they do, every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the spring in rich soil. Make a furrow 6 in. deep, sow the seed, and cover about 2 in. As soon as the plants begin to show, fill in the furrow. This deep planting will enable the vines to stand the heat of summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

No.		Price per pkg.
362	Sweet Peas. Emily Henderson. Flowers extra large, very fragrant and absolutely pure white. Remarkable for earliness and long-continued bloom; $\frac{1}{4}$ lb., 20 cts.; per oz., 10 cts.	\$0.05
363	Extra Early Blanche Ferry. Large pink and white flowers: $\frac{1}{4}$ lb., 20 cts.; per oz., 10 cts.	.05
364	Gray Friar. Beautiful watered purple on white ground: per oz., 10 cts.	.05
365	America. Bright blood-red stripe on white ground: per oz., 10 cts.	.05
366	Sunproof Salopian. The finest scarlet sweet pea: per oz., 10 cts.	.05
367	Maid of Honor. White edged with blue: per oz., 10 cts.	.05
368	Senator. Light brown and chocolate, shaded and striped on white: per $\frac{1}{4}$ lb., 25 cts.; oz., 10 cts.	.05
369	Bride of Niagara. (Double.) Clear pink and white: per oz., 10 cts.	.05
370	Blanche Burpee. Pure white, of most exquisite form, immense in size; a wonderfully free bloomer: per $\frac{1}{4}$ lb., 25 cts.; per oz., 10 cts.	.05
371	Black Knight. Very deep maroon. One of the darkest varieties: per oz., 10 cts.	.05
372	Lovely. Flowers large, of a soft shaded shell pink: per oz., 10 cts.	.05
373	Crown Jewel. Cream-primrose ground, shaded and veined with violet-rose: per oz., 10 cts.	.05
374	Mrs. Eckford. Beautifully shaded primrose yellow, the best yellow up to date: per $\frac{1}{4}$ lb., 25 cts.; oz., 10 cts.	.05
375	Lady Grisel Hamilton. The largest and the lightest shade of lavender varieties: per oz., 10 cts.	.05
376	Monarch. Deep purplish maroon: per oz., 12 cts.	.05

No.		Price per pkg.
377	Lottie Eckford. White suffused with lavender: per oz., 10 cts.	\$0.05
378	Aurora. Orange, rose tinted and striped: per oz., 10 cts.	.05
379	Lord Kenyon. Bright rose pink, heavily shaded at the edges with distinct richly colored veinings: per oz., 10 cts.	.05
380	Countess Cadogan. Bright blue, very attractive in shade, and of fine form: per oz., 10 cts.	.05
381	Burpee's Earliest of All. The very earliest of all Sweet Peas, ten days in advance of extra early Blanche Ferry, and the best of the pink and white type of flowers: per oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.	.05
382	Lady Mary Currie. One of the best of the rich orange tinted varieties: per oz., 10 cts.	.05
383	Navy Blue. Deep, glowing, violet purple, having the effect of dark navy blue: per oz., 10 cts.	.05
384	Meteor Deep Gilt. Per oz., 10 cts.	.05
385	Sadie Burpee. (Black Seeded.) White with delicate pink flush in the standard: per oz., 10 cts.	.05



Ricinus Zanzibariensis.



Stokesia Cyanea.

No.		Price per pkg.
386	Sweet Peas. Countess of Lathom. Soft cream-tint, heavily shaded with flesh pink: per oz., 10 cts.	\$0.05
387	Dwarf Cupid. White. Fine for pot culture: per oz., 10 cts.	.05
388	Dwarf Cupid. "Royalty." Flowers beautiful deep pink of extra large size.	.05
389	Eckford's Large Flowering Hybrids. Mixed. Per lb., express, 47 cts.; per lb., postpaid, 55 cts.; per $\frac{1}{4}$ lb., 18 cts.; per oz., 8 cts.	.03
390	All Colors Mixed. In this mixture will be found the finest varieties. Per lb., express, 32 cts.; per lb., postpaid, 40 cts.; per $\frac{1}{4}$ lb., 12 cts.; per oz., 5 cts.	.03
Any three 5-cent packages of Sweet Peas for 10 cts.		
Sunflower. (Helianthus.) (A.)		
Well-known hardy annuals, with large, showy flowers.		
391	Sunflower "Thousand Flowered." Grows 12 feet high, richly branched from base to summit, each branch bearing a multitude of medium-sized golden-yellow flowers, with small black centres. Very effective when planted singly.	.10

No.		
392	Goldleaf. Flowers single, plants often 7 ft. in height. Leaves variegated with distinct markings, in colors varying from golden-yellow to dark green.	.10
393	Globe of Gold. Dwarf, double orange flowers, 4 feet.	.05

Stokesia Cyanea. (Cornflower Aster.) (See Cut.)

394	A rare and beautiful hardy perennial. The plant grows about 2 ft. high, bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms. In bloom from July till frost. For plants see page 66.	.15
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Swan River Daisy. (Brachycone.) (A.)

395	Very pretty, free-flowering, dwarf-growing annuals, well adapted to edgings, rustic baskets or pot culture.	.10
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Sweet William. (P.)

Well-known, beautiful, hardy perennials, about 1 ft. high, making a most splendid appearance in May and June.

396	Sweet William, Single. Mixed.	\$0.05	397	Double Mixed.	.10
398	Auricular Eyed.				.05
399	Holburn Glory. A new magnificent strain with extra large flowers, the single blooms being larger than a twenty-five cent piece. This variety took the first prize at the Mass. Hort. Soc. the past season. Mixed colors.				.15

Tritoma Uvaria. (P.) (Red Hot Poker Plant, or Torch Lilies.)

400	Splendid hardy perennials producing flower stems 4 or 5 ft. in height, surmounted with spikes of flame-colored flowers. Fine for clumps on the lawn or among shrubbery. (See plants, page 66.)	.10
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Wallflower. (P.)

Well-known half hardy perennials blooming early in the spring and much prized for the delicious fragrance of their flowers. Should be protected in winter.

401	Wallflower, Single. Mixed.	\$0.05	402	Double. Mixed.	.10
403	Early, Single Annual. Sown in March in pots or hot-bed will bloom from June until late autumn. Flowers of a beautiful orange-red and very fragrant.				.05

Calendula, Columbine, Viola Odorata, Tuberous Rooted Begonias, Pansies, Aconitum and Forget-me-not are successfully grown in shady places.

No.

Price per pkg.

Verbena. (A.)

Well-known popular bedding plants, blooming all summer. The most brilliant, with the exception of Phlox Drummondii, of all the annuals.

- 404 **Verbena Candissima Nana Compacta.** Very dwarf, pure white..... \$0.10
 405 — **Hybrida. Rosy Scarlet.** Handsome dwarf variety, of strictly upright growth; flowers large, bright rosy scarlet, with a white centre..... .15
 406 — **Bright Scarlet. White Centre.** Flowers very large..... .05
 407 — **Mammoth.** Splendid flowers, in beautiful shades of pink, red and white..... .10
 408 — **New Mammoth. Dark Scarlet Shades.** (See Cut.) A magnificent strain. Some flowers are white-eyed, and others quite self-colored, but every plant produces splendid trusses of mammoth flowers..... .15
 409 — **Purple Cloak.** Large trusses of deep velvety purple flowers, clear white centre..... .10
 410 — **Fine Mixed.**..... .05 411 — **Finest Mixed.**..... .10

Viola Odorata. (Sweet Violet.)

- 412 Beautiful, fragrant, hardy plants, for moist, shady situations..... .10

Zinnia. (A.) (Youth and Old Age.)

Splendid hardy annuals; succeeding well in any soil, and making a brilliant show. The same flowers will retain their beauty for weeks and a profusion will be produced until frost.

- 413 **Zinnia. Elegans Grandiflora Plenissima.** (New Giant Zinnia.) Extremely double, globe-shaped flowers, 5 in. in diameter, of striking and brilliant colors..

**Zinnia. Lorenz's Miniature.****New Mammoth Verbena.**

- 414 — **Grandiflora Plenissima Striped.** Very showy and beautiful \$0.10
 415 — **Double Giant. "Queen Victoria."** Pure white, large, very double flower of beautiful shape..... .10
 416 — **Tall.** Finest varieties double mixed..... .05
 417 — **Dwarf. Double White.** Very desirable for its regularity of growth and beautifully shaped flowers..... .05
 418 — **Dwarf Double. Jacqueminot.** Rich deep crimson scarlet..... .10
 419 — **Double Lilliput. Mixed.** Very compact, forming thickly branching little plants about a foot and a half high, which fairly bristle with very double flowers of every shade and color, and hardly exceeding a large daisy in size..... .05
 420 — **Lorenz's Miniature.** (See Cut.) The smallest Zinnia in existence, growing only about four inches high. The mixture we offer contains the following colors; white, scarlet, crimson, purple, dark rose and yellow..... .10

Why not plant Perennials? Once planted without digging garden or buying seed, you have flowers year after year.

FLOWER SEED COLLECTIONS.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display at a much less price than ordering separate packages. *The varieties in these collections are always to be of our selection.*

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 Cents.

Asters.	Verbenas.	Coreopsis.	Poppy.
Sweet Alyssum.	Phlox.	Sweet Peas.	Pinks.
Mignonette.		Petunia, Single Mixed.	

COLLECTION B. — Nasturtiums.

8 Pkts. for 25 Cents.

Tall and Dwarf, including Mme. Gunter.

COLLECTION C. — Large Flowering Sweet Peas.

15 Pkts. Choice Desirable Kinds for 40 Cents.

COLLECTION D.

15 Pkts. Choice Annuals, Biennials and Perennials for 40 Cents.

Asters, Victoria Mixed.	Wallflower. Single Mixed.
Zinnia.	Mignonette.
Delphinium.	Sanvitalia.
Iceland Poppies.	Calycanthemum, "Cup and Saucer," Mixed.
Columbine. Double Mixed.	Margaret Carnation.
Pansy.	Pyrethrum. Mixed.
Coreopsis Lanceolata.	Hollyhocks.
Foxglove.	

COLLECTION E.

5 Pkts. of Easily Grown Annuals for 10 Cents.

Phlox, Zinnia, Mignonette, Sweet Peas, Candytuft.

COLLECTION F. — 30 Cents.

3 Pkts. Hardy Climbers for permanent positions. 3 Pkts. Climbing Annuals.

Perennials: Aristolochia, Centrosema, Clematis.

Annuals: Cypress Vine, Humulus Japonicus, Cobea Scandens.

Please Notice that we are Offering all these Collections at a Great Reduction from the Regular Catalogue Prices.

MIXED FLOWER SEEDS FOR WILD GARDENS.

A splendid mixture of over 100 sorts of beautiful, free-blooming hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely-arranged flower-beds, will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower-bed is a continual surprise and pleasure, as new varieties and the old-garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds. Price, per $\frac{1}{2}$ ounce, 20 cents; per package, 5 cents.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

For \$1.00, seeds in PACKETS may be selected to the value of	\$1.30
" 2.00, " " " " "	2 70
" 3.00, " " " " "	4 20
" 4.00, " " " " "	5 65
" 5.00, " " " " "	7 20

All Flower Seeds sent by Mail, Postpaid, on receipt of Price. Prices for Flower Seed, per oz., given on application.

 We cannot possibly supply any item named from here to page 69, in the Fall, except Lilies. 

SUMMER FLOWERING VINES.

Prices, except where otherwise noted, are per mail, postpaid.



CLEMATIS PANICULATA.

This is a very rapid grower, with bright green foliage, bearing in September multitudes of very handsome, white, star-shaped deliciously fragrant flowers which hide the leaves, making an intensely white spot on the landscape. We have had one for several years in our garden, trained up on a single post with laths nailed across it, and every year it grows to resemble a mammoth bee-hive. When it attains full bloom it is a beautiful sight and it has arrived to the dignity of having its picture taken for publication in two of the largest papers in the country. As young America now says, "It's a corker!" Price, postpaid, 2 year old roots, 25 cts. each; 5 for \$1.

Clematis Jackmanii. Flowers large, intense velvety purple, 4 to 6 in. in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Price, 2 year old roots, 50 cts. each.

Clematis Henryii. Strong, vigorous grower, with large, creamy-white flowers. Price, 2 year old roots, 50 cts. each.

Also one year old roots of Duchess of Edinburgh, Mme. Baron Veillard, Ramona, Jackmannii, Henryii and Paniculata, all fine varieties. Your selection of one, 14 cts.; 3 for 35 cts.; the whole 6 for 65 cts.

Wild Cucumber.

This is the quickest growing of the ornamental vines, being specially desirable for trellis work. It bears an abundance of fine white flowers, hiding the leaves, making a mass of bloom. As this is an annual, we supply only the seeds. Price per oz., 20 cts.; per pkg., 5 cts.

Silver Sweet Vine. (New.) (*Actinidia Polygama*.)

A new, very hardy Japanese climber of remarkable beauty. It is of strong, vigorous growth, with beautiful dark-green, glossy foliage, and small white flowers resembling the lily of the valley in fragrance. It is especially adapted for covering arbors, trellises, etc., where a quick, dense growth is desired. While vines are small they should be protected, as cats will eat the leaves and tender shoots as they do catnip. Price for 2 year old vines, 3 ft. high, 60 cts. each.

Hardy English Ivy.

This is a hardy evergreen climbing vine, with dark glossy green leaves much used for covering walls or churches, etc.; is a true evergreen; retains its bright green leaves all winter and always looks alive. Each, 12 cts.; 3 for 30 cts.

Passion Flower.

A strong-growing, vigorous climber, making a fine covering for porches and verandas. The roots will usually survive the winter as far north as Philadelphia, but in higher latitudes they should be taken up and kept in cellar until spring. 12 cts. each; 3 for 30 cts.

Moonflower or Evening Glory.

A very rapid sweet climber. Flowers immense, 5 in. in diameter, pure white and sweet scented, and as they open at night, very striking. The effect on a moonlight night is charming. 12 cts. each.

Cinnamon Vine.

A rapid-growing, summer climber, with glossy foliage and spikes of delicious, cinnamon-scented flowers. Each 10 cts.; 3 for 25 cts.

Manetta Vine.

Charming, being literally covered with flowers the entire season; coloring gorgeous, — flame color tipped with bright yellow. It will attain a height of from 5 to 10 ft. in one season. 12 cts. each.

Summer Flowering Bulbs and Roots.

Prices, except where otherwise noted, are per mail, postpaid.

CANNAS, LARGE FLOWERING FRENCH. (Can be supplied up to May 1st.)

All of the list below are green leaved, except the J. D. Cabos.

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers; they make fine bedding plants. If removed to the house before frost, they will continue flowering all winter. A row of J. D. Cabos, the best bronze variety, planted against a fence, with a similar row of the shorter green-foliaged planted in front of them, produce a fine effect, also as a centre plant of bronze in a circle of the green varieties. These need to be housed over winter. Price, 15 cts. each; 3 for 40 cts.; 12 for \$1.50.

Admiral Avellan. Scarlet, overlaid with salmon, 5 ft.

Allemania. Salmon and golden yellow; very large flowers, 6 to 7 ft.

Austria. Pure canary yellow; very large open flowers, 6 to 7 ft.

Beaute Poltevine. A fine, free-flowering crimson, 3 ft.

Burbank. Canary yellow with lower petals spotted crimson, 6 to 7 ft.

Captain Drujon. Fine deep red, dotted with golden yellow; a strong grower; 5 to 6 ft.

Chas. Henderson. Deep rich crimson, yellow at throat, 3 ft.

NEW DWARF EVER-BLOOMING CALLA LILY. (For spring planting only.)

Of dwarf habit, strong and compact, with a great abundance of lustrous dark green foliage. It is a true ever-bloomer, its flowers appearing in great abundance both summer and winter when grown in pots, or it will bloom profusely all summer in open ground, and being potted in September, after being taken up and rested for two months, will continue blooming without intermission all winter. The same plant will grow and bloom for years. Price, 25 cts. each.

The Crimson Fountain Grass.

This beautiful ornamental grass grows about 4 ft. high, forming graceful symmetrical plants, with foliage of a rich, deep coppery-bronze, and bearing tawny-crimson plumes, 10 to 12 in. long. For interspersing among other ornamental grasses, for bordering a bed of Cannas or Caladiums, or as a specimen on the lawn or in the mixed hardy border, this is sure to become a favorite at once. Strong, thrifty roots ready in April. Price, per root, 25 cts.

Wistaria.

Chinese Purple. A hardy, strong-growing twining vine with handsome, luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price 1 year old, 12 cts. each; 3 for 30 cts.

Woodbine.

A fine quick-growing vine with a beautiful deep green foliage in the summer, turning in the fall to a dark red. Price, postpaid, 25 cts. each.

Ampelopsis Veitchii.

(Boston Ivy.) This is the famous creeper that clings to any building by means of its tendrils. It is of exceedingly rapid growth and perfectly hardy. The foliage is a rich glossy green during the summer, turning to various shades of bronze, crimson and scarlet in the fall. Strong 2 year old plants, 18 in. high, each, 20 cts.; per doz., \$1.75. One year old plants, 1 for 12 cts.; 3 for 30 cts.; 6 for 55 cts.; 12 for \$1.

Madeira or Mignonette Vine.

A beautiful climber, of rapid growth, adapted to outdoor growth in the summer. It completely covers itself with deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each, 8 cts.; per doz., 65 cts.

Honeysuckles.

These are climbing shrubs much cultivated for ornament and the fragrance of their flowers. We have 1 year old plants of Hall's Japan, flowers white and yellow, and Scarlet Trumpet, scarlet flowers. Also Monthly Fragrant, red and yellow; very fragrant; blooms all summer. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 55 cts.; 12 for \$1.

Duke of Marlborough. Velvety maroon, very dark, 3½ ft.

Florence Vaughan. Very large, bright yellow dotted with scarlet, 4 ft.

Madame Crozy. Crimson scarlet, bordered with golden yellow, 3½ ft.

Philadelphia. Large crimson scarlet flowers; one of the best, 3 ft.

Queen Charlotte. Orange scarlet, edged with canary yellow, 3½ ft.

Rose Unique. Beautiful rosy pink; a vigorous grower, 5 ft.

J. D. Cabos. A very fine bronze, 4½ ft.

Summer Flowering Bulbs and Roots.

Prices, except where otherwise noted, are per mail, postpaid.



Snow-White Gladiolus.

This magnificent new variety grows from 3½ to 4 ft. high under ordinary garden cultivation. The color is rich crimson with intense shading in the throat, and broad white blotch across the lower petals. Each spike often produces from 16 to 18 flowers which measure from 5 to 6 in. in diameter. A most striking variety for cutting and exhibition. **Price, single bulbs, 30 cts. each.**

Lilies.

Plant either in spring or fall, except *Candidum* and *Harrisii*, which are for fall planting only.

Plant deep where they are to remain; in winter cover 4 in. deep with leaves or straw. Lilies thrive best when planted in partial shade and in a light rich soil such as a mixture of loam and well-rotted manure. They do especially well in the shrubbery border as they get the shade of surrounding plants.

Scarlet Mexican Lily. The color is a deep, dark scarlet. While it grows readily in soil, the most interesting and quickest method to secure flowers is to plant the bulbs in sand, pebbles, gravel and water like Hyacinths or Chinese Sacred Lilies. Grown by this method it will bloom in two or three weeks, producing immense numbers of the brilliant flowers. Large blooming bulbs, 10 cts. each; 3 for 25 cts.

Melpomene. Beautiful, almost beyond description. Frosted, white, spotted, cloudy and bearded with pinkish crimson. Price, each 20 cts.; per doz., \$2.00.

Auratum; Golden-rayed Japan. Blooming in great profusion, and deliciously fragrant. Price, each, 15 cts.; per doz., \$1.25.

Candidum. Very hardy, snow-white and fragrant. Fine for forcing. Each, 15 cts.; per doz., \$1.25.

Harrisii. (*Bermuda Easter Lily*.) (See Cut.) Flowers large, trumpet-shaped, of a pure waxy white; an incredibly free bloomer. Price, each, 20 cts.; per doz., \$2.00.

Rubrum. Rose, spotted with crimson. Price, each, 15 cts.; per doz., \$1.25.

Speciosum Album. A pure white; fine. Price, each, 20 cts.; per doz., \$2.00.

Wallacei. (New.) A magnificent Japanese variety with beautiful clear buff flowers, spotted with black. Price, each, 10 cts.; per doz., \$1.00.

Umbellatum. Robust growers and great bloomers flowering in June and July. Colors range from buff, rose, yellow, crimson to blackish crimson. Price, each, 15 cts.; per doz., \$1.25.

Lily of the Valley. A great favorite because of its delicate fragrance, bearing graceful bows of fairy-like lily-bells. Per doz., 35 cts.; per half doz., 20 cts.

Tennifolium. A miniature Lily with tall slender stems, bearing a dozen or more brilliant scarlet flowers. Fine for cutting and easily grown in pots or a warm border. Price, each, 12 cts.; per doz., \$1.25.

Longiflorum. Trumpet shaped; white; very fragrant. Price, ea., 15c.; per doz., \$1.25.

Double Tuberoses. (Large Selected Bulbs.)

The Pearl. Beautiful white, very sweet-scented double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Start in the house in March, and transplant to open ground for summer blooming. Planted in pots in April and taken into the house when frost comes, they will freely bloom in December. First quality bulbs, per doz., 40 cts.; per doz., express, 30 cts.; each, 5 cts.

New Variegated. Leaves bordered with creamy white; flowers single but very large and of exquisite fragrance. It blooms several weeks earlier than the other sorts. First quality bulbs, per doz., 50 cts.; per doz., per express, 40 cts.; each, 5 cts.

Gladioli.

These showy flowers are very easily raised, and with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower-garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, 6 in. apart in the row, and 2 in. deep. These need to be housed in the autumn.

Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, \$2.50; per 100, postpaid, \$2.90; per doz., postpaid, 35 cts.

Leomine's Hybrid. For rich, vivid and intense coloring these have no equal. Price, per 100, per express, \$2.85; per 100, postpaid, \$3.25; per doz., postpaid, 40 cts.

Groff's New Hybrid Gladioli.

Winners of sixteen first awards at Pan-American Exposition, Buffalo, N. Y., 1901. Mr. Arthur Cowee, who makes a specialty of Groff's New Hybrid Gladioli, is undoubtedly the world's great Gladioli grower. Those who saw the exhibit, small in number though it was, at the annual exhibition of the Massachusetts Horticultural Society at Boston, need not to have a word said in their praise, for it was a revelation of a beauty never before thought possible.

Groff's Silver Trophy Strain. Mixture very choice. Words can hardly express the beauty of this strain. Single bulbs, 7 cts.; per doz., 70 cts.; per 100, \$5.00.

Groff's Hybrids.

The size and coloring of many of the sorts are really marvellous. 6 cts. each; 60 cts. per doz.; \$3.00 per 100.

New Collections of Gladioli at Special Low Prices.

No. 1 (Fine), 50 cts.; single bulbs, 6 cts.

Napoleon III. Scarlet, white line in centre of petals.

Mad. Monneret. Soft, rosy pink, late variety.

Vashti. Creamy white, blotched with carmine.

Isaac Buchanan. Best yellow.

Ceres. Pure white, spotted with purple rose.

Mr. Bains. Wonderful clear light-red color.

Emma Thursby. White ground; carmine blotch through petals.

May. Pure white, flaked with crimson.

Octoroon. A beautiful salmon-pink; very distinct.

Lamarck. Salmon, crimson and yellow spots.

No. 2 (Extra Fine), 75 cts.; single bulbs, 8 cts.

Gen. Phil Sheridan. Fiery red with white line through petal with white blotch.

Florida. Dark crimson, early.

Countess Craven. Rose flaked with carmine.

Chameleon. Slaty-lilac with white blotch.

Diamant. Extra large fleshy white, blotched and streaked carmine.

Pepita. Bright yellow, striped with carmine.

Atlas. Clear violet, velvety maroon blotch.

Le Poussin. Bright red, with white blotch.

Reine Blanche. White, carmine-violet blotch.

Africaine. Dark amaranth with white stripes.

New Gladiolus. "Snow-White." (See Cut.) Absolutely pure white. The spikes are very large. The flowers elegantly formed, and of great substance, lasting a remarkable length of time when cut; the petals are gracefully recurved; in many cases beautifully crimped. Price, 20 cts.

Princeps Gladiolus.



Bermuda Easter Lily.

Summer Flowering Bulbs and Roots.—Continued.

Prices, except where otherwise noted, are per mail, postpaid.



Saint Brigid or Poppy Anemones.

Price, Single Begonias, — scarlet, white, yellow, pink, — each, 10 cts.
Four, one of each, 30 cts.; twelve, three of each, 80 cts.
Price, Double Begonias, — scarlet, white, yellow, pink — each, 15 cts.
Four, one of each, 55 cts.; twelve, three of each, \$1.35.

Gloxinias. (Ready March 15.)

These are most charming tuberous rooted pot plants. Their fine trumpet-shaped flowers are exquisitely tinted and blotched with dots of violet, pink or crimson. Price (bulbs), 15 cts. each; 3 for 35 cts.; \$1.00 per doz.

Tigridias or Shell Flower.

Extremely handsome summer-flowering bulbs, producing large gorgeous flowers exquisitely spotted; flower freely throughout the summer. 5 cts. each; 50 cts. per doz.

Dahlias. (Ready in May.)

Ethel Vick, or A. D. Livoni. This variety bears in great profusion most perfectly formed flowers of a rich pink color. All in all we think that this is the best of the Dahlia family. Price, 20 cts. each; 3 for 50 cts.

20th Century Dahlia.

Wherever exhibited the 20th Century became the centre of all eyes. It won the silver medal of the Pennsylvania Horticultural Society and has been given first awards everywhere. It is a strong, vigorous grower of branching habit, flowering early and continuing a mass of bloom until killed by frost. The flowers, measuring 4 to 6 in. in diameter, are of an intense rosy crimson tipped with white, with a white disc around the yellow centre. As the season advances they become almost a pure white suffused with soft pink. Price, postpaid, 20 cts. each; \$2.00 per doz.

Show Dahlias.

Mira. Pink and white, very large.
Duke of Edinburgh. (New.) Yellow; an excellent variety.
Henry Glascock. Buff striped crimson.
Dr. J. P. Kirtland. Dark velvety crimson; very large.
Grand Duke Alexis. A pure glistening white, tinted soft lilac.
Price, 25 cts. each; 3 for 65 cts.
Striped Banner. Crimson-scarlet, white tipped.
Miss Miller. Pale lemon shading to white.
Golden Age. Sulphur yellow.
Mary D. Halleck. Canary yellow; same form as A. D. Livoni.
Lucy Fawcett. Light yellow, striped rosy lilac.
Lottie Eckford. White, striped purple.
White Swan. Pearly-white.
Price, 20 cts. each; 3 for 50 cts.; \$1.75 per doz., except where otherwise noted.

TRITOMA.

Tritomas, Red-hot Poker's Flame Flower, or Torch Lilies. Brilliant, showy plants coming rapidly into favor for beds and in mixed borders. Hardy if given the protection of a few inches of leaves or litter.

Tritoma Pfitzerii. (The Ever-blooming Flame Flower.) The freest flowering variety in cultivation, with spikes from 3 to 4½ ft. high and heads of bloom over 12 in. long of a rich orange-scarlet, shading to salmon rose at edges, producing a grand effect whether planted singly in the border, in masses, or beds of a dozen or more. 15 cts. each; \$1.50 per doz.

Tritoma Coralina. A dwarf variety, producing freely medium-sized spikes of coral-red flowers, shading to yellow. 15 cts. each.

Saint Brigid or Poppy Anemones.

Nothing could be more glorious than a bed of these new Irish Anemones. The flowers show all the colors of the rainbow and many more; for even black and white are found, as well as shades of pink, rose, crimson, fiery scarlet, carmine, maroon, lilac, lavender, blue, purple, even green. Some are curiously mottled, striped, edged, ringed and shaded with the various tints described, the effect produced being bewildering. They bloom freely until well after frost. Being perfectly hardy, will bloom again the next season in greater profusion than ever. The flowers and the beautiful fern-like foliage remain fresh in water for a week or more. For spring or fall planting. Fine bulbous roots, 1 for 8 cts.; 6 for 30 cts.; 50 cts. per doz.

Begonias. (Ready March 15.)
Tuberous Rooted. It is quite impossible to overestimate the worth of this interesting family of plants. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid geraniums. Give them one trial in your garden and you will never be without them. We offer tubers from the finest strain of erect, large flowered varieties, of dwarf habit. Not hardy; house these and Gloxinias in the autumn.



Tritoma.

Pompon Dahlias.

Maud. (New.) Pure white, long stem; fine for cutting.
Alewine. A delicate shade of pink, tinted lilac.
Little Jennie. Primrose yellow; very fine.
Goldspere. Bright red; distinct golden tip.
Henrietta. Yellow, tipped crimson.
Ariel. Orange buff.
Brunette. Crimson, sporting white.
Little Bessie. Creamy white; finely quilled.
Pomponii. Primrose, shading to pink.
Sunbeam. A new crimson; fine.
Golden Gem. Pure yellow; small and fine.
Rosalie. Yellow, edged crimson.
Price, 15 cts. each; 3 for 40 cts.; \$1.50 per doz.

Cactus Dahlias.

Perle de la Tete d'Or. (New.) Pure white with frequently slight tint of purple; very large and of exquisite form with notched petals. Beautiful. Price, 25 cts. each; 3 for 65 cts.
Maid of Kent. Rich cherry red, pure white tips.
Earl of Pembroke. (New.) A deep velvety plum color, brightening at tips.
Ernest Glasse. Purple magenta, perfect cactus.
Prince of Orange. Bright orange-salmon, shaded apricot.
Island Queen. Light mauve; very distinct and beautiful.
Red Rover. Giant Cactus. Crimson scarlet. Price, 25 cts. each; 3 for 65 cts.
John Roach. Soft yellow; long petals well curled.
Mrs. Bennett. Soft crimson.
Mrs. Barnes. Pale primrose, shading to rose.
Oban. Salmon overlaid with crimson pink.
Cycle. Rosy crimson or carmine.
Price, 20 cts. each; 3 for 50 cts.; \$1.75 per doz., except where otherwise noted.

Stokesia Cyanea.

The Cornflower, or Stokes' Aster. (See Cut, page 62.)

A charming and beautiful native hardy plant. The plant grows from 18 to 24 in. high, bearing freely from early in July until late in October its handsome lavender-blue centaurea-like blossoms, which measure 4 to 5 in. across. Can be grown in any open, sunny position. Desirable as a single plant in the hardy border, and can also be used with fine effect in masses or beds. Price, 15 cts. each; \$1.50 per doz.

Yucca Filamentosa. (Adam's Needle.)

A stately tropical-looking plant, fine for lawn or garden. It is a hardy evergreen, the stem raising 3 or 4 ft. above the tuft of narrow, bayonet-like leaves, bearing a profusion of creamy-white bell-shaped flowers. Will thrive almost anywhere even in sandy or shady places. Price, 15 cts. each; 3 for 40 cts.

SUMMER FLOWERING PLANTS.

Prices, except where otherwise noted, are per mail, postpaid.

Rose Peony.

Deep Rose Color. Most fragrant of all the peonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25 cts.

Old-Fashioned Garden Pink Roots.

The delicious sweet-smelling pinks of our grandmothers. Very hardy and easily grown. Per 6, 50 cts.; each, 10 cts.

Rudbeckia Laciniata, "Golden Glow."

A hardy perennial plant growing 8 ft. high, branching freely, and bearing by the hundreds on long, graceful stems, exquisite double blossoms of bright golden color, and as large as Cactus Dahlias. Price, per single root, 15 cts.; per doz., \$1.50.

Hibiscus, "Crimson Eye."

For description see page 57. Strong, two-year plants, \$1.50 per doz.; 15 cts. each; one-year plants, \$1.00 per doz.; 10 cts. each.

Helianthus, Multiflora Plenus.

A perfect gem that should be in every garden. The plants attain a height of about 4 ft., and in their blooming season, in August and September, they are nearly covered with bright, golden-yellow, double flowers, about the size of a dahlia. Desirable for cutting, flowers remaining bright and fresh for days. Roots, per doz., \$1.25; each, 15 cts.

CHRYSANTHEMUMS. The Leading Autumn Flower. (Ready in May.).

There are no flowers that make such a magnificent display in the autumn as these, with their almost endless variety of fanciful shapes and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good rich soil, with plenty of well-rotted cow manure. Water freely and keep them well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly, and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than fifty degrees. In cold climates winter in cellar.

	Price, postpaid, each.	Per doz.
Geo. W. Childs. Deep velvety crimson; large and one of the best in its color.....	\$0.10	\$1.00
Ivory. Unexcelled for pot culture or cutting; pure white flower of exquisite form and finish.....	.10	1.00
Golden Wedding. Rich, golden-yellow, intense and dazzling. Flowers very large, petals long and broad; double to the centre.....	.10	1.00
Maude Dean. An immense pink variety; finely incurved; petals broad, shell shaped. One of the largest flowers exhibited in the fall shows.....	.10	1.00
Major Bonaffon. Soft, clear yellow; full in the centre, 8 in. in diameter and nearly as deep. In perfect form and finish; habit dark.....	.10	1.00
Mme. F. Bergmann. The finest of all the early whites; very large and full, and of the purest white, with creamy centre; of strong, sturdy habit; fine foliage. The most popular white variety with florists for early forcing.....	.10	1.00
Glory of the Pacific. Fine pink, good size and very early.....	.10	1.00
Mrs. Henry Robinson. In the entire Chrysanthemum family there is no grander white variety.....	.10	1.00
Nivous. A grand, snow-white variety, centre irregularly incurving with outer petals reflexing nearly to the stem.....	.10	1.00

Chrysanthemum Seeds. Deleaux — New Early Flowering.

A remarkable new class of perennial Chrysanthemums, selected from the celebrated Deleaux strain, blooming early in September from seed sown in March. Very dwarf, branching in habit, and profuse bloomers. The flowers are entirely unlike all the early blooming varieties hitherto known, vying with the later sorts in form, size, richness and variety of colors. Price, per pkg., 25 cts.

SUMMER FLOWERING SHRUBS.

Prices, except where otherwise noted, are per mail, postpaid.

These are all hardy.

Hydrangeas (for growing in pots).

(These need to be taken into the cellar in winter.)

Otaska. Thomas Hogg. One-year old plants. 1 for 18 cts.; 3 for 50 cts.

Syringa. (Mock Orange.)

A hardy shrub blooming in June. Garland, flowers pure white and very fragrant. One-year old plants. Price, 1 for 12 cts.; 3 for 30 cts.

Hydrangea Paniculata Grandiflora.

One of the most valuable hardy shrubs in cultivation. The flowers are formed in large white trusses, which change to a deep pink. The branches, drooping with the weight of the flowers, give it an extremely graceful appearance. Large plants two years old, per express, 25 cts.; postpaid, 35 cts.

One year old plants, 1 for 10 cts.; 3 for 27 cts.; 6 for 50 cts.; 12 for 90 cts.

Snowballs.

Japanese. The bush of this is of more compact habit than the common variety and its white globular flowers remain longer in bloom. Price for one-year old plants, 1 for 15 cts.; 3 for 40 cts.

Common Variety. Price one-year plants, 1 for 12 cts.; 3 for 30 cts.

Deutzia.

A slender-branched graceful shrub producing spikes of beautiful white flowers. We have one-year old plants of **D. Crenata**, also **Gracilis**. Price, 1 for 12 cts.; 3 for 30 cts.

Spireas.

These are in the front rank of the flowering shrubs of the garden. They bloom from May through the summer. We have **S. Van Houttei**, vigorous plant pure white flowers; **S. Bumalda**, soft deep rose colored, blooming in July; **S. Prunifolia**, the well-known "Bridal Wreath"; also **S. Callosa, Alba**. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts. **S. Anthony Waterer** (New) crimson. This is fine for a pot plant, also for edging. Each 15 cts.; 3 for 35 cts.

Caryopteris. Blue Spirea would be a fitting name for this new hardy plant. A sturdy upright grower and very fragrant. The dense flower heads are a rich lavender blue, a rare color among flowers. Each 15 cts.; 3 for 35 cts.

Weigelas.

These are ornamental, and should be found in every collection of choice shrubs. We can supply **W. Rosea** with rose colored flowers, very free bloomer, **W. Variegata**, foliage green mottled with yellow, pink flowers, **W. Candida**, snow white flowers and **Eva Rathke** (new), deep rich crimson, very free flowering. Price, 1 for 12 cts.; 3 for 30 cts.

E. Proctor Bailey, Iowa, writes: "For forty-one years, two years excepted, I have always had a good garden—the pride of the neighborhood."

T. A. Thompson, Berad Brook, Conn., writes: "I am not in the habit of writing testimonials but I feel it my duty to state that for the last twenty or more years we have traded with you and have yet to find a single instance where the seed has not proved as represented."

See Collections of flower seeds,
page 63.

ROSES.

Prices, except where otherwise noted,
are per mail, postpaid.

HARDY PERPETUAL VARIETIES. (Two years old.)

Price, per express, at purchaser's expense, 35 cts. each, or \$3.50 per doz.; per mail, postpaid, 45 cts. each, or \$4.50 per doz.

We have one year old bushes of this list except where noted at 12 cts. for one; 3 for 30 cts.; 6 for 50 cts.; 12 for \$1.00.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old, and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November, and several of the bushes the second season have grown from 5 to 9 ft. As far as possible we supply roses on their own roots, but as many varieties will not do well on their own roots, we offer in such cases the best low budded or grafted stock obtainable. All budded or grafted bushes should be planted so that the point at which they are grafted will be at least two inches below the surface.

NEW HARDY YELLOW ROSE, SOLIEL D'OR.

(Cannot supply one year old roots.)

The Soliel d'Or is a cross between Persian Yellow and Antoine Ducher. It retains a good deal of the character of Persian Yellow, the bark and wood being reddish, the thorns very fine, the foliage more ample, and the leaves, of a beautiful clear green, are closer together. This magnificent variety, like the Persian Yellow, is perfectly hardy, robust, and vigorous. Superb in color varying from gold and orange-yellow to reddish gold, shaded with nasturtium-red. The blooms are $3\frac{1}{2}$ in. in diameter. Price, express, 40 cts.; per mail, 50 cts.

Caroline Marniesse. Flowers pure (or slightly creamy) white, medium size, very double, very sweetly tea scented, and produced in profuse masses, blooming without cessation from June till October.

Prince Camille de Rohan. A magnificent rose. Color rich velvety-crimson passing to maroon shaded black.

Tom Wood. Color a bright cherry-red; plant gives abundance of bloom early and late.

Mrs. R. G. Sherman Crawford. Color deep rosy pink, the outer petals tinted with pale flesh color, flowers large and full and very fragrant. The plant blooms from summer to late autumn.

American Beauty. Rich rosy crimson; of exquisite form and delicious fragrance; almost continuously in flower. Cannot supply one year old roots.

Marchioness of Londonderry. Flowers of great size, color very white; flowers very freely; highly perfumed; an acquisition. Cannot supply one year old roots.

Mad. Gabriel Luizet. Extra large, very double and full, very fragrant. Color an exquisite rose suffused with lavender and pearl.

Persian Yellow. The finest hardy yellow rose grown; deep golden yellow. Blooms freely in June. Very hardy. Cannot supply one year old roots.

Clio. Flesh-color. It has the most delicate texture and coloring imaginable, a beautiful globular form, and in size it is something truly striking.

Margaret Dickson. This valuable new rose is entirely hardy, and a very vigorous grower. The flowers are of magnificent form, and very large; in color a beautiful shining white with almost the lustre of a pearl.

Baron Bonstetten. Color dark red, almost black, flowers double, fragrant and fine.

Alfred Colomb. Cherry red, shaded with crimson; large, full and sweet.

Mrs. John Laing. Flowers large, semi-globular in shape, of an exquisite shade of soft pink, and deliciously fragrant.

HARDY PERPETUAL AND OTHER VARIETIES. (One year old.)

We offer the above list in one year old roots and also the following varieties—Anna de Diesbach, Vick's Caprice, Coquette des Alps, Fisher Holmes, Gen. Washington, Jules Margottin, La Reine, Mad. Charles Wood, Mad. Plantier, Maurice Bernardin, Ulrich Brunner, and Victor Verdier. Price for 1, 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for \$1.00.

The Ramblers. (One year old.) White and crimson. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.

The La France Set. (One year old.) White, red, pink and striped. Price, 1, 10 cts.; 4 for 35 cts.

Magna Charta. Bright pink suffused with carmine. Very vigorous grower, great bloomer, flowers very large and double.

Gen. Jacqueminot. Color, rich crimson: of fine shape and exquisite fragrance.

Coquette des Blancches. Puresnowy white; sometimes faintly tinted with pale rose; blooms in large clusters; flowers medium size.

La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicious fragrance.

Captain Hayward. Bright crimson-carmine of perfect form and very sweet. Cannot supply one year old roots.

Ulrich Brunner. Brilliant cherry red; flowers large, of fine form and finish. Plant very vigorous, hardy, and free blooming; a grand rose in every respect.

Jubilee. Flowers very large; reaching 6 in. across, under good culture. In color a rich deep crimson rose shading to velvety maroon in the centre. The fragrance is strong, delightfully rich and very lasting. Cannot supply one year old roots.

Mad. Georges Bruant. This has the hardness of the Rugosa class with the free-blooming qualities of the Teas. Flowers of large size, color pure glistening white.

Wichuriana (Memorial Rose). The pure white single flowers appear in greatest profusion during July, while its beautiful almost evergreen foliage makes it desirable at all seasons of the year. Especially fine for cemetery planting. Cannot supply one year old roots.

Dorothy Perkins. (Climbing.) The flowers are usually $1\frac{1}{2}$ in. in diameter. Color a most beautiful clear pink. So vigorous that it often makes shoots of over 10 ft. in a single season. Fragrant. Foliage is a rich deep green, remaining till well into the winter.

Crimson Rambler. Of vigorous growth and exceedingly hardy. The flowers, of a rich brilliant crimson, are produced in large trusses of pyramidal form. In our own garden one truss had sixty-six roses and buds.

Baltimore Belle. (Climbing.) Pale blush, very double, borne in clusters, the whole plant appearing a perfect mass of bloom.

Hardy Climbing Roses. (One year old.) Baltimore Belle, Greville,

Mary Washington, Queen of the Prairie, Russell's Cottage, Tennessee Belle. Price, 1, 12 cts.; 3 for 30 cts.; 6 for 50 cts.

Tea and Hybrid Tea Roses. (One year old.) Varieties marked with a * are hardy, or nearly so, but for these we would advise protection. *White la France, *Agrippina, *Bon Silene, Bride, Catherine Mermet, Champion of the World, *Clothilde Soupert, *Red la France, *Etoile de Lyon, *Hermosa, Kaiserin Augusta Victoria, *Pink la France, *Mad. Hoste, Marion Dingee, Marie Guillot, *Mrs. Degraw, Meteor, *Mosella (Yellow Soupert), Niphetos, Papa Goutier, *Pink Soupert, *Princess Bonnie, *Safrano, Souv. de la Malmaison, Souv. Pres. de Carnot. Price, 1, 10 cts.; 3, 28 cts.; 6, 50 cts.; 12, \$1.00.



New Weeping Lantana.

This is of very rapid growth and graceful drooping habit with lovely dark-green foliage, producing a cluster of flowers at each leaf. The flowers are most delicate in color, clear, brilliant rosy lilac. To procure quick results, a half-dozen or more plants should be planted in a hanging basket, although a very pretty basket can be grown from a single plant. It is also very valuable for mixing with other plants in vases. Price, postpaid, 12 cts.; 3 for 30 cts.

Asparagus Sprengeri. (Emerald Feather Asparagus.)



This is undoubtedly one of the handsomest evergreen trailing plants ever introduced. It is especially valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green feathery foliage, which can be cut freely and are very useful for bouquets, wreaths, and all kinds of floral decoration. It makes a charming ornamental plant for the window or conservatory in winter, and is equally valuable for vases, baskets, porch-boxes in summer. It is strong, vigorous, very easily grown, requires but little care and keeps on growing, fresh and green, year after year. Price, postpaid, 15 cts. 3 for 35 cts.

Miscellaneous Bulbs for Fall Planting. Ready in October.

See also Lilies. Page 65. Prices, except where otherwise noted, are per mail, postpaid.

Hyacinths. (See Cut.)

Plant in the garden from October to December — the earlier the better — 3 or 4 in. deep in well drained rich soil. A small quantity of sand or fine coal ashes under each bulb when planted in a stiff soil will be beneficial. For pot culture a rich soil with mixture of sand and well-rotted cow manure is suitable. Use a 5-inch pot, have top of bulb just above the surface, water well, and keep in a cool dark cellar until thoroughly rooted. When grown in glasses the base of bulb should merely touch the water.

Double Blue.....	Each, \$0.07	Per doz., \$0.75	Single Red.....	Each, \$0.07	Per doz., \$0.75
Single Blue.....	“ .07	“ .75	Double Yellow..	“ .08	“ .80
Double White....	“ .07	“ .75	Single Yellow...	“ .07	“ .75
Single White....	“ .07	“ .75	Single Mixed....	“	“ .70
Double Red.....	“ .07	“ .75	Double Mixed..	“	“ .70

Tulips.

Showy popular spring flowers. For cultivation follow directions given for Hyacinths. The Duc Van Thol are especially adapted for pot culture. Set 3 or 4 bulbs in a 5-inch pot. The Parrot Tulips are very beautiful, having large brilliant flowers with fringed petals.

Duc Van Thol....	Each, \$0.03	Per doz., \$0.25	Parrot.....	Each, \$0.03	Per doz., \$0.30
Choice Mixed Double.....	“	“ .25	“	“	“ 1.40
Choice Mixed Single.....	“	“ .25	“	“	“ 1.40

Narcissus or Daffodils.

Perfectly hardy, will grow and do well everywhere, in sun or shade, moist or dry, in the waste places in the garden, under trees or in the grass. The clumps multiply rapidly, giving better results each year. Planting a few hundred bulbs will enable you, in two or three years, to cut thousands of flowers without missing them. For winter flowering set 4 bulbs in 5-in. pot and follow direction for Hyacinths.

Single Narcissus.

Trumpet. Very beautiful, showy variety, easily grown indoors or in open ground.

— **Princepts.** One of the finest of the large trumpet type. Pale sulphur with rich yellow trumpet. Each, 4 cts.; per doz., 35 cts.

— **Horsfeldi.** Flowers very large, pure white with deep yellow trumpet. Each 5 cts.; per doz., 55 cts.

The Poet's Narcissus. (*Poeticus* or *Pheasant's Eye*.) Pure white cup edged with red. Each 3 cts.; per doz., 25 cts.

Polyanthus. Beautiful free flowering, sweet-scented variety with tall spikes of bloom bearing from five to twenty flowers. White and yellow in mixture. Each, 5 cts.; per doz., 50 cts.

Chinese Narcissus. (*Sacred Lily of China*.) Flowers single white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes should be used, into which put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each 12 cts.; per doz., \$1.20.

Double Narcissus.

Orange Phoenix. (See Cut.) Beautiful, fragrant white flowers with orange nectary. Fine for cutting. Each, 4 cts.; per doz., 40 cts.

Von Sion. The double yellow daffodil of the old-fashioned garden. Each, 4 cts.; per doz., 40 cts.



Orange Phoenix Narcissus.



Hyacinths.

Chionodoxa Lucillæ. Beautiful flowering bulbous plants, producing spikes of lovely azure-blue flowers, with pure white centres. Price, 3 cts.; per doz., 20 cts.

Freesia Refracta Alba. A beautiful plant for parlor culture. Flowers pure white, with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Each, 3 cts.; per doz., 25 cts.; per 100, \$1.50.

Ranunculus. (*Double Buttercup*.) Plant 3 in. deep, and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best Mixture. Each, 3 cts.; per doz., 20 cts.

Ranunculus, Improved French Superb. Each, 3 cts.; per doz., 20 cts.

Crocus.

Cloth of Gold. Bright Yellow. Per doz., 15 cts.; per 100, 75 cts.

Striped Sorts. Mixed. Per doz., 10 cts.; per 100, 55 cts.

All Colors. Per doz., 10 cts.; per 100, 50 cts.



Japanese Fern Ball. (New.)

For the Window, or suspended over Dining Table, or for Fern Dishes.

Japanese Fern Roots are woven around a ball of moss and these roots send out beautiful sprays of emerald green fern leaves from every point, soon covering the whole surface.

Directions. — Place ball in water for several hours and then suspend in any desired position; repeat every two days until growth has started, after which water occasionally as required, being careful that it does not become dry. To use in fern dish cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The Fern Ball may be allowed to dry up at any time, and be set away and started again by watering as before.

The Fern Ball will be from one to four weeks in starting, according to degree of heat and moisture. Do not expose to direct rays of sun. Ready in December. Price, postpaid, 50 cts.

Prices postpaid by us or express at purchaser's expense, as noted under each item.

SMALL FRUITS.

Will our friends, if possible, kindly send in their orders for these, except strawberries (which please see), by April 10.

We cannot possibly fill orders for Small Fruit (Potted Strawberries excepted) in the Fall, nor can we fill orders for them after May 10.

Small fruits should be planted out immediately on arrival.

STRAWBERRY PLANTS FRESH FROM OUR OWN GROUNDS.

For hill culture plant 15 by 15 in.; for matted growth, make rows 4 ft. apart, and plant 18 in. apart in the row. Those marked with P are pistillate varieties, needing staminate (S) sorts near them. Shipping season for layer plants will be the month of April and to May 15. *No plants except potted varieties sent after May 15.* We can supply from August till October potted plants of those varieties marked with * at 50 cts. per doz., \$2.50 per 100, per express or freight, at purchaser's expense. We cannot possibly supply layer plants in the fall.

Few varieties do equally well in all localities or on all soil. Those we have selected are not only in the first class because of their general excellence, but with the exception of Marshall, they come nearest to doing well in all localities and on all soils, according to the testimony of every Agricultural Experimental Station, and of the largest strawberry growers, which we can indorse in part from our own observation and experience.

THE COMMONWEALTH STRAWBERRY (S). (New.)

In July, 1903, when the strawberry season was about over, Mr. William H. Munroe, of Beverly, Mass., invited us to call and see a new strawberry that he had originated, which he had called the "Commonwealth." Though so late, we found the crop just in its prime, a sight worth going many miles to see. The berries were enormous in size (14 of them filled a quart box) and the crop a sight to behold. The berries were generally symmetrical in form, of a rich, dark color, and solid to their centre, and their quality excellent. The plant, though not so rank as the Marshall, is a strong grower, hardy, showing no sign of rust. The one drawback is that it is a little shy at plant making, setting them hardly as thick as the plant dealer would like to have them. It is a strong staminate variety. In competition with the Marshall and other standard kinds it has twice taken the first prize at the exhibitions of the Massachusetts Horticultural Society. If there are any two men in the United States who ought to know a good strawberry when they see it, they are Mr. Benj. Smith, who originated the well-known Beverly, and Mr. George Pratt, original introducer of the famous Sample.

Mr. Smith writes of the Commonwealth: "For the past two years I have watched Mr. Munroe's new seedling, and for size, productiveness, quality and lateness I consider it a wonder."

Mr. Pratt writes: "The Commonwealth, in my opinion, is the best thing in the strawberry line ever put upon the market. It is as productive and large as the Sample, and certainly a week later in ripening. Flesh very firm."

We might add to these recommendations, but we think these two from men of such experience and calibre, are enough to satisfy any old strawberry grower of the great merits of the Commonwealth. Price, per doz., postpaid, 50 cts.; per 100, postpaid, \$1.25; 100, per express, \$1.00.

THE MINUTE MAN.

A great favorite among those who raise Strawberries on a large scale in Concord, Mass., and vicinity. It has taken many prizes at various Fairs. See pages 2=6 among our novelties for full information.



*THE SAMPLE (P).

Professor Maynard, of the Massachusetts Agricultural College, found that it bore the largest berries and yielded the greatest crop of any of the 200 varieties he fruited in 1898. This is no coxcomb berry, but regular in form and of fine flavor. Three of its strongest recommendations: First, that it colors all over at once; second, that there are as many fine berries in the middle of the bed as on the outside; and third, it has such vigor that, if the land has been well manured and kept clean, it will bear just about as many the second season as the first. The Sample is a rich, scarlet berry, sufficiently hard for a near market. It will yield as many berries as the Clyde or Haviland, while they will average as large as the Marshall. The estimate of the old Strawberry growers who saw Mr. Gowing's bed was that the crop was at the rate of 500 bushels to the acre. The Sample, being a late variety, comes after the glut is over. Price, per doz., postpaid, 30 cts.; per 100, \$1.00; per 100, per express, 80 cts.; per 1,000, \$5.00.

MAXIMUS (S).

A new berry introduced by J. H. Hale, the famous strawberry and peach grower. "Perfect bloomer; plant strong and robust, heavier and broader-leaved than William Belt. Produces two and four fruit stalks to a plant, all of them well filled with large to very large berries. Berries conical, deep, glossy scarlet, never misshapen; flesh pink, sometimes white at the centre, very tender, of mild flavor; is good for fancy and nearby markets, on account of its size and beauty. June 20, 1898, a week after the height of the season, H. L. Jeffery picked from my bed ten berries that filled a quart basket." Price, per doz., postpaid, 35 cts.; per 100, postpaid, \$1.00; per express, 80 cts.

*CLYDE (S).

Fruit very large, light red, conical, firm and best quality. Season early and long. Plant very vigorous, plenty of runners, hardy, and very productive. Price, per doz., postpaid, 30 cts.; per 100, postpaid, \$1.00; per express, 80 cts.

*NICK OHMER (S). (New.)

A great surprise is in store for all who fruit this strawberry for the first time; its mammoth size, beautiful color, and great productiveness being really astonishing. The plant is exceedingly vigorous, with clean, healthy foliage, without the slightest tendency to rust. The berries are of the largest size—a perfect giant among strawberries—roundish-conical in form, uniform and regular, rich, glossy crimson, firm and solid. Price, per doz., postpaid, 30 cts.; per 100, postpaid, \$1.00; per 100, express, 80 cts.; per 1,000, express, \$5.00.

WORLD CHAMPION (S).

Fruit stem very stout, berries very large, and yield so heavy that some of the pickers gathered over 100 qts. in four hours. Good form, fine color, solid flesh, as red as a blood orange; very late and will keep exceptionally well after picking. It runners abundantly; blossoms perfect, hence needs no other variety to fertilize it. Price, per doz., postpaid, 30 cts.; per 100, postpaid, \$1.00; per 100, express, 80 cts.

*GLEN MARY (S).


Plant a good grower, runners abundant. Fruit very large, fourteen berries have filled a quart basket; form irregular-conical; dark crimson color; good quality. Very productive and one of the most promising of the newer varieties. Price, per doz., postpaid, 30 cts.; per 100, 80 cts.; per 100, express, 60 cts.; per 1,000, express, \$5.00.

Of 400 varieties tested at the Agricultural College in Canada, Glen Mary proved itself to be one of the dozen best.

Please send in your orders for small fruits early, for by so doing you will be the better satisfied.

 We cannot fill orders for

STRAWBERRIES.—Continued.

Small Fruits in the fall. 

*** The Marshall. (S.)**

A distinct variety, having the wild strawberry flavor. It needs extra treatment. Three thousand quarts were picked from one-third of an acre in 1892. Berries enormous in size, fourteen filling a basket. Color very dark, extending through the berry. Nice for home garden or for fancy marketing. Per doz., postpaid, 30 cts.; per 100, \$1.00; per 100, per express, 80 cts.

Alpine Monthly. (S.)

The great merit of this variety is that *it continues to bear until frost comes*. The fruit, though very rich in flavor, is of small size; and it is not a heavy cropper, but a variety that, instead of having a season of but from two to three weeks, as is the case with most other strawberries, will enable you to make a present to the sick, as acceptable as it is surprising, *through a period of five months*; is deserving of a small plot in every garden. If the first crop is removed as soon as set, the later crop will be more abundant. Price, per doz., postpaid, 30 cts.; per 100, 80 cts.; per 100, per express, 60 cts.

The Perfection Currant.

Awarded the Barry Medal, the fifty dollar gold medal of the Western New York Horticultural Society, July, 1901, after three years' trial. The first fruit to receive this grand prize for ten years. Also received Highest Award given any new fruit at the Pan-American Exposition.

At the St. Louis Exposition the Perfection was awarded the only gold medal given to any currant.

Color, bright red. Size larger than Fay, with larger bunches having long stems making them easy to pick. A great cropper, being superior to Fay or any other large sort. Quality less acid and better than any large currant in cultivation. A good grower, with foliage remarkably large and healthy. At New York Agricultural College it was tested for **three years in competition with sixty varieties** and on its general merits came out ahead of all introduced varieties.

"The clusters and the berries were unusually large and fine, and struck me as being very attractive."—L. H. BAILEY, Prof. at Cornell.

"We think you have selected a good name for the currant, as it is about as near the ideal currant as any we have seen."—W. & T. SMITH.

"We should regard this as a very great acquisition."—SMITH & POWELL.

"I have watched your new Currant, called Perfection, with interest, and it appears to me to be an introduction of much value."—MESSRS. ELLWANGER & BARRY.

"Its large size, its fine clusters, and its general appearance, permits us to truthfully say that it is worthy of dissemination."—E. SMITH & SON.

"It certainly is of fine quality, and a fine bunch and berry."—STORRS & HARRISON CO.

Price, postpaid, 50 cts. each; per doz., \$5.00.

CURRENTS.

Plant on deep, strong, rich soil, 4 by 5 ft. apart. Cut back young shoots one-third every year. To protect from currant worms, dust with hellebore at time of blossoming, when dew is on, and repeat when fruit is full-grown.

North Star Currant. (New.) We endorse the following description of this new variety: "The bushes are very strong growers; give them plenty of room and keep ground well manured; bunches over 3 in. long are freely produced. This combines extreme hardiness, vigorous growth, with good quality and great productiveness." Price, per mail, postpaid, 15 cts.; per doz., \$1.25; per doz., per express, \$1.05.

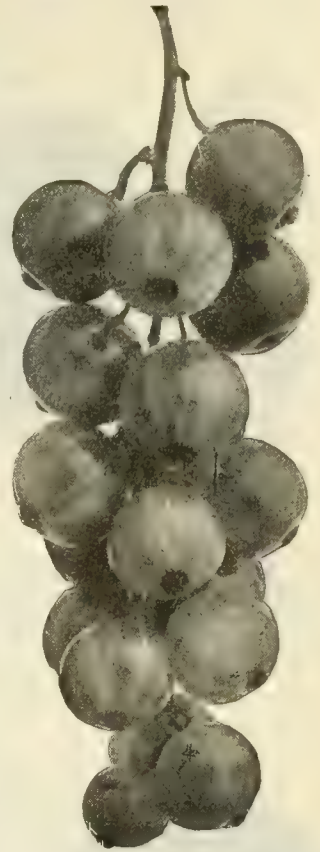
President Wilder Currant. (New.) Mr. Barnes, the largest currant grower along the Hudson river, is so well pleased with this currant that he will plant it hereafter in preference to any other. It is as large as Fay's and as early, but it makes a longer and better filled bunch, and is more productive. *It will remain in good shipping order over a fortnight longer.* As a table fruit it retains its bright red color, not turning dark like Fay's and Cherry's; is not so acid as Fay's, and has a rich flavor which is very agreeable. One, postpaid, 15 cts.; per doz., 75 cts.; per doz., per express, 55 cts.

Fay's Prolific. As large as Cherry, and with larger bunches; rapidly superseding it. Price, postpaid, one, 15 cts.; per doz., 75 cts.; per doz., per express, 55 cts.; per 100, \$5.00.

Cherry. The old standard, large red. **White Grape.** The best white. Price, postpaid, one, 15 cts.; per doz., 75 cts.; per doz., per express, 55 cts.; per 100, \$4.00.

Victoria. A splendid variety, great bearer, bunches extremely long. Price, postpaid, one, 15 cts.; per doz., 75 cts.; per doz., per express, 55 cts.; per 100, \$4.00.

Pomona Currant. This excels in productiveness, quality, and in fewer seed than other varieties. The following points are claimed for it: 1. A most vigorous grower. 2. A perfectly healthy hardy plant. 3. The most productive. 4. The sweetest and best in quality, not having the unpleasantly strong currant flavor, making it a very choice dessert fruit to eat, as strawberries, with sugar and cream, and second only to strawberries. 5. Continues in profitable bearing a greater number of years than any other sort. 6. Is of good size, larger than Red Dutch or Victoria. 7. Retains its foliage until after fruit is all gathered, thus preventing sun-scalding. 8. Will hang on bush in good condition longer than any other sort. 9. Has fewer and smaller seeds than any other. 10. Comes into profitable bearing earlier than any other sort. Price, one, postpaid, 15 cts.; doz., 75 cts.; doz., express, 55 cts.; per 100, \$5.00.



Perfection Currant.

Johnson's Mammoth Cranberry Plants.

 When Cooked We Find this Far Superior to the Common Variety. 

There are a great many varieties of the cranberry; they differ not only in size and vigor of vines, and cropping qualities, but in the form, size and quality of the berries. Old cranberry growers are aware of this fact, and are ever on the lookout for extra large varieties. These cannot always be procured, because those who are fortunate enough to have them, monopolize them. We are pleased, therefore, to be able to offer to our customers one of these giant varieties, Johnson's Mammoth, the berries of which are sometimes an inch in diameter. It is not only a mammoth berry, but also an enormous cropper, people coming from all the country around to see the crop, which almost covers the ground, and some seasons is the cranberry show of the region. The engraving illustrates the comparative size of Johnson's Mammoth and the common variety. Price, per 1000, postpaid, \$5.50; per express, \$5.00; per 100, postpaid, 70 cts.

Cape Cod or Bell.


The common sort. Price, per 1000, postpaid, \$3.50; per express, \$3.00; per 100, postpaid, 50 cts.

Directions for cultivation sent with each lot. No plants sent C. O. D. Prices in quantity given on application. Plants will be sent in May.




Johnson's Mammoth Cranberry.

Cape Cod or Bell Cranberry.

 We cannot fill orders for

SMALL FRUITS. — Continued.

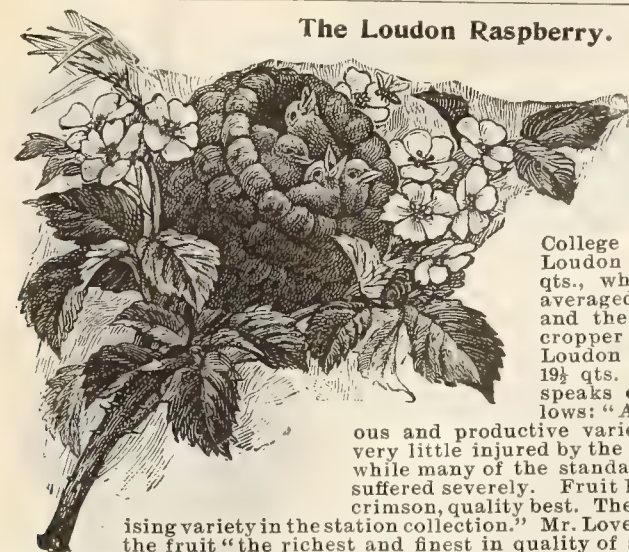
Small Fruits in the fall. 

Plant Black Cap variety 5 ft. apart each way; the other kinds, 4 ft.

RASPBERRIES.

Plant shallow, and cut back the canes. Leave but three or four suckers to grow.

The Loudon Raspberry.



Of the thirteen varieties of red raspberries tested at the Massachusetts Agricultural College in 1896, the Loudon yielded 49½ qts., while the lot averaged but 12½ qts., and the heaviest cropper next to the Loudon yielded but 19½ qts. The report speaks of it as follows: "A very vigorous and productive variety. It was very little injured by the past winter, while many of the standard varieties suffered severely. Fruit large, bright crimson, quality best. The most promising variety in the station collection." Mr. Lovett considers the fruit "the richest and finest in quality of any entirely hardy and reliable variety in cultivation." Price, one, per mail, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, \$2.50.

The Cumberland Raspberry.

This new Black Cap Raspberry is endorsed by that veteran fruit grower, George S. Josselyn, who writes, "They were delicious and were larger than the Gregg, with not nearly as many seeds;" and by Prof. Bailey, of Ithaca, the well-known horticultural authority, who writes, "They were the wonder of every one who saw them." We add the facts that it is among the hardiest of the raspberries, is wonderfully productive, the fruit possessing unusual firmness, making it a good shipper, while the vine itself is an unusually strong and vigorous grower. Price, one, postpaid, 12 cts.; doz., 75 cts.; doz., express, 60 cts.; 100, express, \$5.00.

MARLBORO'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, \$2.50.

GREGG. (Black Cap.) The leading late Black Cap. Very popular market sort. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, \$2.50.

Cuthbert. Red; remarkably productive. We advise all beginners in raspberry raising to plant first this grand old variety. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, \$2.50.

Columbian. This new raspberry appears to be a cross between the red and black varieties. Color, a dark red. It took two prizes at the New York State Fair in 1895; one as the best canning berry and the other as the best evaporated berry. The introducer states that 3,500 bushes yielded on an average 5 qts. each. Valuable for market where a dark berry will sell. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.

Plant vines 4 by 7 and treat as with raspberries

BLACKBERRIES.

with the exception that they should be cut back to 4 feet.

Eldorado.



Mr. H. E. Van Deman, National Pomologist, says: "Never have I tasted any blackberry equal to the Eldorado." Several of the experimental stations speak emphatically of its *hardiness, quality and productiveness*. The Ohio experimental station ranks it as hardy as the Snyder, but with a larger berry, and of better quality. The Eldorado is our favorite berry for family use. The berries are little jars of temperance wine. It is entirely free from the hard core common to most varieties. The berries, when picked, keep exceptionally well. Price, postpaid, one, 15 cts.; per doz., 65 cts.; doz., per express, 50 cts.; per 100, \$3.50.

LUCRETIA DEWBERRY. This is decidedly the best of all the dewberries, or low-running blackberries. It is a superb fruit, melting, and of a delicious quality. The plant is entirely hardy everywhere, a healthy, strong grower and exceedingly productive. Plant 3 ft. by 4 ft. Price, per mail, one, 12 cts.; per doz., per mail, 75 cts.; per doz., per express, 60 cts.; per 100, per express, \$3.00.

Eldorado Blackberry.

THE WACHUSETT. This is a thornless blackberry. The berries are small but of good quality, and it will continue giving you berries after all other varieties are through. It requires a rich, deep, garden soil. One, postpaid, 15 cts.; per doz., by mail, 65 cts.; by express, 50 cts.; per 100, \$3.50.

Rathbun Blackberry.

Our Massachusetts Experimental Station, for whose carefully formed opinions we always had great respect, says of the Rathbun, which was fruited there, that it shows decided merits. Prof. Bailey, of Cornell Agricultural College: "It is midway between a blackberry and dewberry (low-vine blackberry) in both habit and earliness. The berries are exceedingly large, glossy, jet black, and of good quality." Price, one, postpaid, 15 cts.; per doz., 75 cts.; per doz., per express, 60 cts.; per 100, \$4.00.

KITTATINNY. Very large, exceedingly productive; tender at the North. Price, postpaid, one, 15 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, \$3.50.

SNYDER. The hardiest; enormously productive. One of the best for market. Price, postpaid, one, 15 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, per express, \$3.50.

Campbell's Early Grape. *The King of American Grapes.*

This is confidently believed to be a grape in all respects better adapted to general use in all sections suited to our native varieties, than any other which has yet been grown and tested. Vine very strong, vigorous, hardy, with thick, healthy, mildew-resisting foliage, always setting its fruit well, and bearing abundantly. Berries often an inch or more in diameter; black, skin thin, but very tenacious, bearing handling and shipping admirably. Flavor, rich, sweet, slightly vinous; with no foxiness, coarseness or unpleasant acidity from the skin to the centre. Ripens earlier than the Concord. Has hung upon the vines, in the fall of 1898, sound and perfect for ten weeks or more after ripening. As a keeper and shipper, it is believed to be unequalled by any other American grape.

We give a few testimonials from among over 600 received by its propagators from persons residing in THIRTY-NINE STATES AND THE CANADAS, many of them very prominent horticulturists.

MASS. AGRICULTURAL COLLEGE, AMHERST, MASS., Oct. 14, 1897.

Judging from this sample of fruit, and the growth of the young vines we bought of you last spring, I am led to think that the Campbell's Early is the most promising variety of recent introduction.

S. T. MAYNARD, Professor of Horticulture.

SOUTH GLASTONBURY, CONN., Nov. 1, 1897.

Campbell's Early is certainly a surprise party. It is a superb shipper, and so much better than any of the early grapes, it ought to prove very valuable, for the family vineyard and for market. The vine I planted last spring, with thirty other varieties, made the finest growth of any in the plot, more vigorous than Moore's Early, Concord, Worden, or Niagara.

J. H. HALE

AWARDS. — Wilder Medal, American Pomological Society, 1897. Medal of excellence, American Institute, 1897. And First Premiums from many Agricultural and Horticultural Societies.

The vines we advertise are not weak, hothouse plants, but strong, outdoor growers. We have raised this grand grape on our own grounds, and can heartily endorse all that has been said about its earliness, hardiness, vigor, productiveness and the size and rich quality of the fruit. Price, one, one year, postpaid, 25 cts.; ten for \$2.25; ten, per express, for \$2.00. Two years, one, postpaid, 40 cts.; ten for \$3.50; ten, per express, for \$3.25.



We cannot fill orders
for these in the fall.

FRUIT TREES.

Per express or railroad, at purchaser's expense for charges.

Standards. From five to seven feet in height. Prices per doz. or per 100 upon application.

Apples.

Summer.

Red Astrachan. Large, roundish, deep crimson, juicy, rather acid. Ripens in August.....	\$0.45
Golden Sweet. Large, yellow, rich, sweet. August and September.....	.45
Sweet Bough. Large, pale yellow, tender, juicy and sweet. August.....	.45
Yellow Transparent. Russian, yellow, tender, and juicy. August.....	.45

Fall.

Fameuse, or Snow. Deep crimson, delicious. November to January.....	.45
Gravenstein. Very large, striped, juicy. September and October.....	.45
Maiden's Blush. Large, yellow and red. September and October.....	.45
Oldenburg Russian. Large, striped, juicy; very hardy. September.....	.45

Winter.

Baldwin. Bright red; the market sort at the East. December to March.....	.45
Hubbardston Nonesuch. Striped red and yellow. November to January.....	.45
Northern Spy. Striped red; a fine dessert fruit. December to June.....	.45
King of Tompkins. Red striped and juicy. November to January.....	.45
Rhode Island Greening. Green, rather acid. December till April.....	.45

Crab Apples.

Hyslop's. Large, deep crimson, ripening September.....	.45
Red Siberian. Small, yellow and scarlet. September.....	.45
Transcendent. Medium, red and yellow. September.....	.45
Van Wyck. Large, bright red, firm, sweet. September.....	.45
Whitney. Large, green. August and September.....	.45
Yellow Siberian. Large, golden yellow. September.....	.45

Pears.

Bartlett. Large, juicy; rich flavored, ripening in September....	\$0.50
Wilder. Bright yellow; the best keeper of the earlies. August..	.50
Seckel. Brown, juicy, melting, high flavor. September and October.....	.50
Sheldon. Large, roundish, russet and red, deliciously sweet. October.....	.50
Anjou. Large, melting, sprightly. November and September...	.50

Peaches.

Early Crawford. Very large, freestone. Ripens in early September.....	.25
Late Crawford. Large, yellow, juicy, freestone. End of September.....	.25
Crosby. Hardy, yellow-fleshed, freestone. Middle of September..	.25
Elberta. Large, yellow, said to be the best freestone. Early August.....	.25

Plums.

Abundance. Large, amber, turning to cherry. Very sweet.....	.65
Burbank. Cherry red with yellow dots; bears abundantly.....	.65
Bradshaw. Very large, dark violet red; juicy, sweet. August..	.60
Coe's Golden Drop. Yellow, rich and sweet. End September..	.60
Lombard. Violet red, sweet and juicy, very prolific. September..	.60

Cherries.

Black Tartarian. Very large, purplish black. Ripens end of June.....	.65
Coe's Transparent. Pale amber and red, fine. End of June....	.65
Governor Wood. Clear, light red, tender and delicious. End of June.....	.65
May Duke. Large, dark red, tender, slightly acid. Middle of June.....	.65
Montmorency. Large, red, slightly acid. First of July.....	.65

BOURGEAT QUINCE.

This fine new quince cooks like apples without the hardness of other sorts. They have sold thus far in the markets at double the price of other sorts. Season on from November. Prices, per express, 5 to 6 ft. high, 60 cents.

F. E. Young, Esq., writes:—"The Bourgeat Quince is of the largest size, golden color, smooth and best in quality. The trees are the strongest growers and have no leaf blight. They are immense bearers and late keepers."

GRAPES. (See Campbell's Early, page 72.)

- Moore's Diamond.** The fruit is equal to many of the best sorts, and ripens earlier than Concord. The color is a delicate greenish white, with a rich yellow tinge when fully ripe; very few seeds, juicy and almost entirely free from pulp. Price, postpaid, one, 15 cts.; per doz., \$1.00; doz., express, 75 cts.
- Empire State.** Very hardy, white, tender, juicy, sweet and rich. Price, postpaid, one, 15 cts.; per doz., \$1.00; per doz., per express, 75 cts.
- Niagara.** White, ripens a little later than Concord, good bearer. Price, postpaid, one, 15 cts.; per doz., 85 cts.; per doz., per express, 60 cts.
- The Salem.** The No. 53 of Mr. Rogers' famous seedlings. This, by many, is ranked as the best of Mr. Rogers' grapes. The vine is a strong grower; very productive, producing large bunches of red grapes of large size; very sweet, and with the rich flavor of its foreign parent. Price, postpaid, one, 15 cts.; per doz., 85 cts.; per doz., per express, 60 cts.
- Green Mountain, (or Winchell).** An early white grape, ripening with Moore's Early. Clusters of medium size, often shouldered; berries a little larger than those of the Delaware; greenish-white when fully ripe; skin thin, and quality fine, pulp being tender and sweet, quite free from foxiness. It is specially well adapted to northern localities. Price, postpaid, one, 25 cts.; per doz., \$2.50; per doz. per express, \$2 25.
- Moore's Early, Concord, Delaware, Brighton.** Standard sorts. Price, postpaid, one, 15 cts.; per doz., 85 cts.; per doz., per express, 60 cts.
- The McPike.** (New.) Another new grape which has caused quite a stir in the horticultural world in its strong combination of that trio of requisites which all experts are eagerly seeking in their model grape, viz.: quality, hardness and earliness. It is earlier than the old standby, the Concord, fully as hardy and vigorous, while it far surpasses it in quality, both in sweetness, tenderness of pulp, and richness of flavor. The berries are three in. in circumference. Excellent either for the table or the market. Price, postpaid, one, 40 cts.; per doz., \$4.25; per doz., per express, \$4.00.

GOOSEBERRIES.

Plant four by five feet, in deep, rich soil, in as cool a location as possible. Protect from currant worms by the use of hellebore, as directed for currants.

The Josselyn or Red Jacket Gooseberry. (New.) Says Josselyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." On our grounds it is larger than the Downing. Color red. Price, postpaid, one, 15 cts.; per doz., \$1.50; per doz., per express, \$1.30.

Smith's Improved. A large pale-yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, postpaid, one, 12 cts.; per doz., \$1.00; per doz., per express, 80 cts.

Houghton's Seedling. Red in color; very productive. Not subject to mildew. Price, postpaid, one, 15 cts.; per doz., 90 cts.; per doz., per express, 70 cts.

EUREKA KITCHEN-GARDEN DRILL.

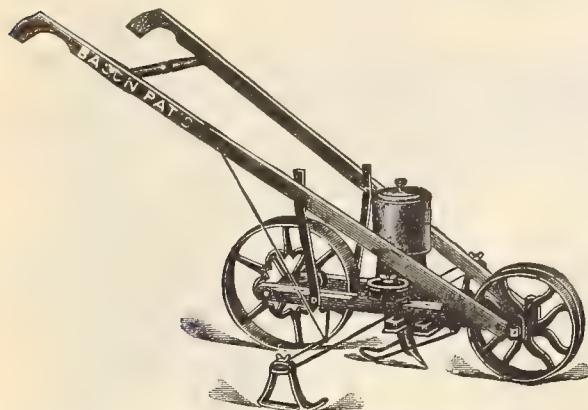
Useful also for hot bed planting for it sows close up both sides. A simple but effective little seed drill which will do the work infinitely faster and better than hand work. It sows and covers beets, cabbage, carrots, celery, lettuce, onions, radishes, spinach, turnip, and all such seed with great regularity. You stand in an upright position when sowing. The force feed brush inside of the hopper, and the furrow shoe which may be raised or lowered, make the Eureka superior to all other hand seed drills. Price, per express, at purchaser's expense, \$1.00.



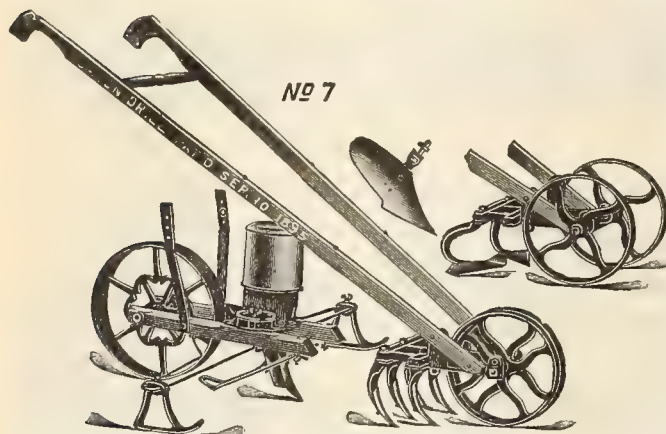
IMPLEMENTS.

See also Page 73.

MICHIGAN SEED DRILLS.



Michigan Seed Drill, Improved.



Combined Michigan Seed Drill and Hand Cultivator.

Michigan Seed Drill (Improved).....\$6.25
 Combined Michigan Seed Drill and Hand Cultivator.....8.00

The "Gem of the Garden."

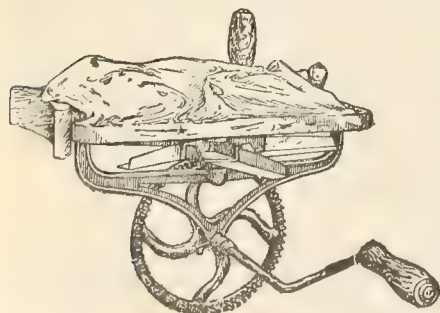
No greater proof can be given of the popularity of a tool, or of its intrinsic worth, than the one simple fact of a *continued* demand for it. Say the manufacturers: "During the past few years, we have placed about *fifteen thousand* of the 'GEM' Wheel Hoes in the hands of gardeners, and we are not aware of a single instance in which it has failed to give entire satisfaction to the user."

These set of slender stirring teeth, each stamped from one piece of steel, cannot be excelled for thorough work, especially in hard soil.

Our old customer, Mr. W. Holmes of Davenport, Ia., writes as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which, for thoroughness of work, adaptation to many crops, and ease of handling, and shifting to any desired width or depth, equals the 'Gem,' you sold me the past spring. For onion or strawberry culture it leaves but little to be desired." Price, per express or freight at purchaser's expense, \$5.00.

New National Broadcast Seed Sower.

(For Grasses and Grains.)



Says the Introducer: "This combines the good features of every other broadcast Sower. It is cheap, strong, durable and accurate. No farmer can afford to sow his seeds by hand (the old way) when he can get one of the New National at our price. By the superior construction of the hopper and attachment of the sack it sows out clean." Price, per express, at purchaser's expense, \$1.50.

Full directions sent with each sower.

At mail rates, as given, we pay postage on all seeds.

In case a drill only is wanted, order the Michigan Seed Drill (*Improved*). But if both drill and cultivator, order the combined Michigan Seed Drill and Hand Cultivator. (See engraving.)

In the course of a long farming experience, we have used on our farm about every seed drill made in the United States. All had their good qualities, and all had their defects. Having tried several other patents without getting what we wanted, we found a new one on the market, which originated in the West, named the "Michigan." We heartily recommend it to our customers. Some of its excellent characteristics: 1. The feed is not a modification of any of those already in use, but is an entirely new device, and while sowing onion, cabbage, turnip and that class of seeds equal to the best drills on the market, it will also sow parsnips, carrot, salsify, beet, mangel wurtzel, prickly spinach, and other seeds of that class equally well, getting an *even row* with light seeding, thus making a saving of seed, and labor in thinning. 2. It is simple in construction and operation, with no complicated adjustments to get out of order. 3. All the adjustments are made by thumb-screws, thus obviating the necessity of carrying wrenches or tools. 4. It has two wheels, the second one for use when it is desired by obtaining extras (see below) to have a machine like No. 7. 5. Without stooping, one movement of the hand will raise or lower both markers, lower one marker and raise the other, or reverse them as desired. 6. The seeds in sowing are in full view, and if there is any failure to drop, from the clogging of the opening or any other reason, it will instantly be detected. 7. It is easily thrown out of gear for moving from one place to another. 8. That the "Michigan Seed Drill" has no superior, if any equal, has been demonstrated by numerous trials in competition with the best drills made.

We also offer the **Combined Michigan Seed Drill and Hand Cultivator**, having five teeth, two hoes and two plows, for use in cultivating. This has been improved in having two front wheels instead of one. It can be used, allowing work to be done between two rows of plants or so that both sides of a row can be worked at once. As a combined drill and cultivator, this has none of the objectionable features of the ordinary tool of this class—the parts requiring no modification to combine them. The drill part is detached from the cultivator by the removal of but two nuts.

The Michigan feed, by a very simple combination, not only gives holes or passages suitable to the various seeds, but also the property of varying the passages in a manner not found in any other drill.

Charles E. Lepper, Akin, N. Y., writes:

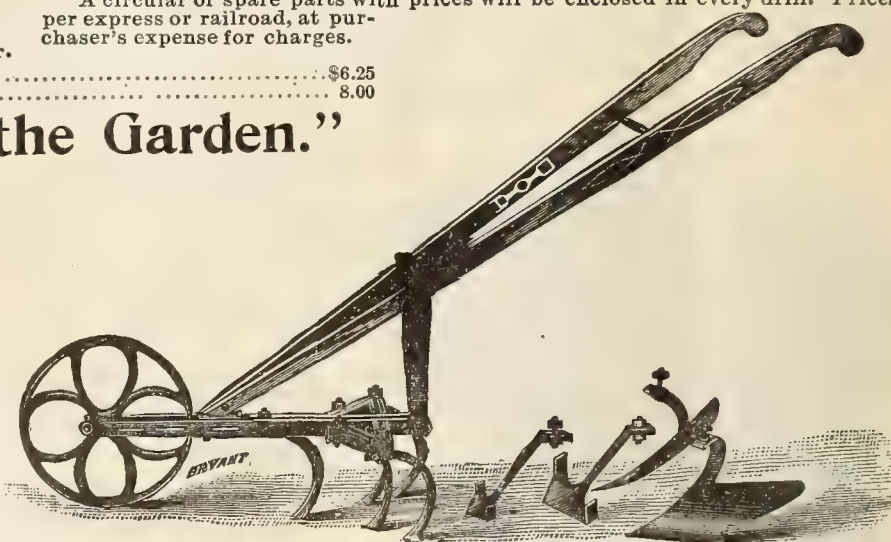
"Your new Michigan Seed Drill worked splendid with cabbage and beet seeds."

David E. Low, Essex, Mass., writes:

"The Michigan Seed Drill that I bought of you is first-class in every respect. It runs easily and sows the seed evenly."

W. E. Wilson, Gibson, N. H., writes:

"The Michigan Seed Drill sent me from you last spring was a great success." A circular of spare parts with prices will be enclosed in every drill. Prices, per express or railroad, at purchaser's expense for charges.



Trowel Shank Grass Shears.

The Trowel Shank Grass Shears are of American make. Both blade and bow are of tempered steel. It has stood the test of years, and is highly recommended as the easiest cutting grass shears made.

These shears are made of tempered steel. The blades are 5½ in. long, and the handle parts are made to fit the hand so that it is one of the easiest to use.

Price, per mail, postpaid, 60 cts.; per express, 45 cts.

Forged Steel Garden Trowel.

The blade and shank of these are made from one piece of steel, and are exceptionally strong and stout. Price, per express, at purchaser's expense, 40 cts.; per mail, 50 cts.

Steel Garden Trowel.

These are made of fine cold-rolled steel, with malleable iron shank, firmly riveted. An excellent article of their kind. Price, per express, at purchaser's expense, 15 cts.; per mail, 25 cts.

IMPLEMENTS. Continued.

Nonesuch Sifter. (New.)

For Applying Powdered Insecticide, Lime, Plaster, etc.

The best sifter made. Made on the only correct principle that insures a uniform distribution of any dry fine powder, with very little work and will not clog. The perforations in each of the two bottoms of this sifter are so evenly balanced that the upper one never allows so much material to go on the bottom as to clog it, making the work easy and reliable. By its use one-third of the usual quantity of powder will be saved. Most people prefer to use dry material against insects, and on every farm are some crops that must be treated dry, like cabbage for cabbage worms, vine crops for the striped bugs which cannot be poisoned with Paris Green, and this little sifter will do the work to perfection. Price, per express, 40 cts. each.

We have in use on our own seed farm in Middleton, Mass., all of the various implements invented by that ingenious man, Solomon Fuller, and are exceedingly well pleased with them.



Fuller's Ideal Slide Hoe.



FULLER'S IDEAL
\$2.50

Gardner Farm,
Peabody, Mass.

Mr. Fuller: "I have worked at market gardening for more than fifteen years and have never found a wheel hoe equal to your 'Ideal'."

C. E. HINKLEY.

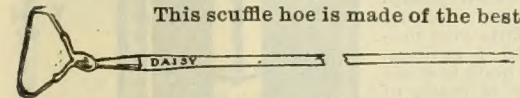
'Ideal' hoe gives the best satisfaction of any we have ever used."

Middleton, Mass.
Mr. Fuller:—"We have worked as market gardeners for thirty years and find your

J. B. SANFORD & SON.

Daisy Scuffle Hoe.

This scuffle hoe is made of the best quality of very light, narrow steel, for hoeing and thinning celery, lettuce, and all similar crops. The handle is about four feet and a half long and the blade, being sharp on both edges, can be used to good advantage among all running vines and also in the cabbage field without injuring the stocks or breaking the leaves, while the soil is left smooth instead of in ridges as by ordinary methods. For ladies' use in the flower garden and in all places where a light, useful tool is wanted, this is far ahead of any yet placed on the market. Price, per express, at purchaser's expense, 6-in. blade, 40 cts.; 8-in. blade, 50 cts.

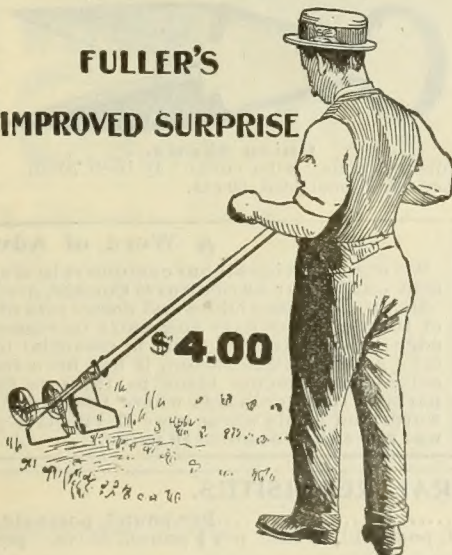


Fuller's Improved Surprise Weeder. (New.)

We here offer an invention which cannot fail to commend itself to every one interested in market gardening. It is light, weighing but nine pounds. One improvement is in the wheels being arranged to run nearer the middle of the rows; another is having shields to protect the young plants. No one who raises onions, beets, carrots, spinach, dandelions or any closely planted crops can afford to be without this labor-saving implement. It straddles the row and does away with more than half the weeding and by means of a thumb nut the knives can be used very close to the row without injury to the tender plants; in fact, it saves weeding until the crops have attained a sufficient size to escape injury which usually attends the first weeding. For the first cultivation this weeder stands above all others and will pay for itself with the first day's using. Try it and be convinced of its merits. Price, per express, \$4.00.

FULLER'S

IMPROVED SURPRISE

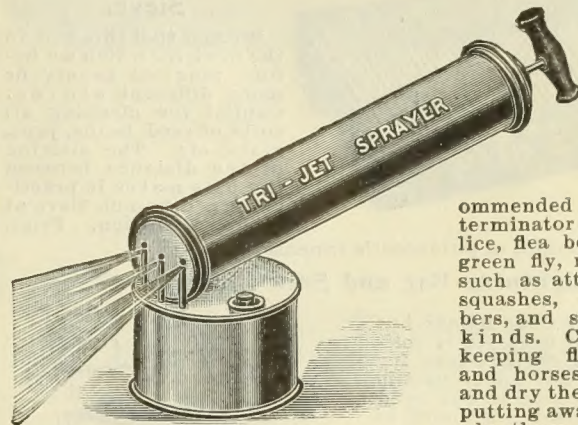


\$4.00

Mr. Fuller:—"I have used your 'Surprise' weeder and consider it far ahead of any tool I have ever used or seen."—EDWARD E. TAYLOR.

South Peabody, Mass.

New Era Sprayer.



Brass, \$1.00, per express, at purchaser's expense.

Thousands of these machines are now used all over the United States, and are giving great satisfaction. Highly recommended as an insect exterminator for killing plant lice, flea beetles, aphids, green fly, mealy bugs, etc., such as attack cabbage, squashes, melons, cucumbers, and small fruits of all kinds. Capital, also, for keeping flies from cattle and horses. Always clean and dry the reservoir before putting away. We can supply these in treble tube.

ommended as an insect exterminator for killing plant lice, flea beetles, aphids, green fly, mealy bugs, etc., such as attack cabbage, squashes, melons, cucumbers, and small fruits of all kinds. Capital, also, for keeping flies from cattle and horses. Always clean and dry the reservoir before putting away. We can supply these in treble tube.

Stahl's Brass Excelsior Sprayer. No. 19.

For a good, cheap outfit this is among the best on the market, both as regards the material used in the construction, as well as the price at which it is sold. The cylinder, and in fact all the working parts, are brass, being thus constructed of material that will resist the action of fungicides. The nozzle

furnished with this outfit can be regulated to throw any desired spray as wanted. This pump will throw a solid stream 50 ft., and is without doubt the best cheap spraying outfit on the market. It is also very convenient for spraying flowers, roses, etc. Price per express

at purchaser's expense, \$4.25.



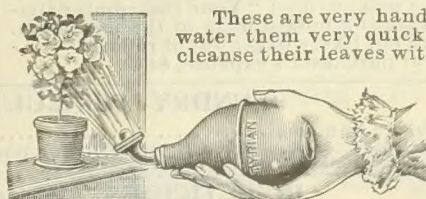
Fuller's Ideal Pulverizer.

FULLER'S IDEAL
\$4.00



This new hand implement, after the style of the famous Breed's weeder, is a capital tool to run both ways over small stuff before the seed break ground, and also after the plants are fairly up. Contrary to what might be expected, the teeth do no practical damage to the young plants, while they break the earth around them and so kill the weeds by rooting them up as soon as they are sprouted. There is no tool like this to destroy chickweed, if used as soon as it starts. If the ground bakes before the seed start, use the Pulverizer and the plants will push through. Price, by express, \$4.00.

Tyrian Plant Sprinkler. (New.)



These are very handy for house plants, as you can water them very quickly without injuring them, and cleanse their leaves without soiling anything near by.

It is a close imitation of nature's own way of watering—just like rain. The neck, as will be seen by the illustration, is bent, so as to enable one to cleanse the under side of the leaves.

Price, per mail, postpaid, 70 cts.; per express, 60 cts.

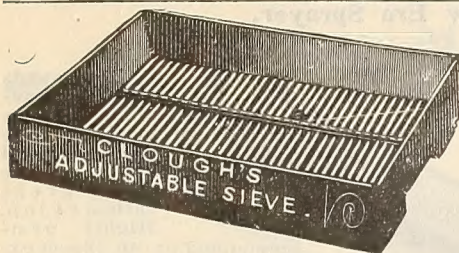
Swampscott, Mass.

Mr. Fuller:—"I have six of your 'Surprise' weeder and for weeding and hoeing stuff when small, find they have no equal."—G. B. COURTIS.

See also

IMPLEMENTS.—Continued.

Third Cover Page.

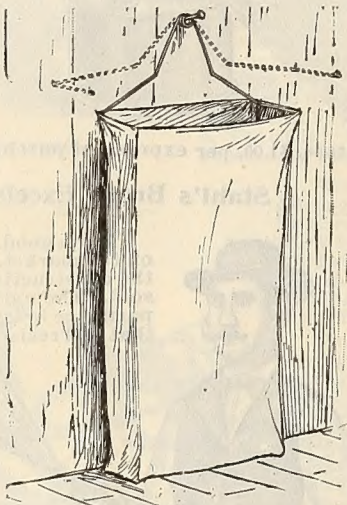
**Clough's Adjustable Sieve.**

We find that this will do the work for which we before required twenty or more different sieves. Capital for cleaning all sorts of seed, beans, peas, grain, etc. The altering of the distance between the bars makes it practically a different sieve at every alteration. Price,

per express or freight, at purchaser's expense, \$1.50.

Lightning Bag and Sack Holder.

This is not only a bag holder, but a sack holder as well. It is self-adjusting. (See dotted lines for size extended.) The upper part is well adapted to hold in one hand while bran or grain is scooped in with the other hand. In this way it is very convenient for millers and others. Also is perfection for holding the mouth of bag open if you want to fill in the bin by drawing the grain in with your hands. The bag is attached and detached as quick as lightning. Hence the name. Don't think because it's cheap, it is not good. If you don't consider it as good as any bag holder you ever saw, and far more convenient, send it right back and get your money. After you get one you will want another or several. You will find several around the farm as convenient and desirable as several pockets in your everyday suit of clothes. Price, postpaid, 40 cts.; per express, at purchaser's expense, 25 cts.

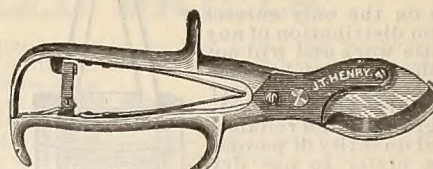
**Insect Powder Distributer.**

Two rows can be attended to at the same time, but it gives better satisfaction if used for one row only. It can be elevated so as to be used on vines and shrubbery.

This machine effectually applies Paris Green, London Purple, Hellebore, or Bordeaux Dry Mixture. Simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributor completes the whole business. In an hour an acre can be readily gone over, and the vines are never injured in the least; whereas when water is used, some of the arsenic is dissolved and burns the vines. No more back breaking lugging of water.

W. F. Andros, East Hartford, Conn., writes: "Your Distributer simply reduces the cost of exterminating potato bugs to the minimum. It is simple in construction, and not likely to get out of repair."

Price, per express or freight, at purchaser's expense, \$4.00.

**Henry Shears.**

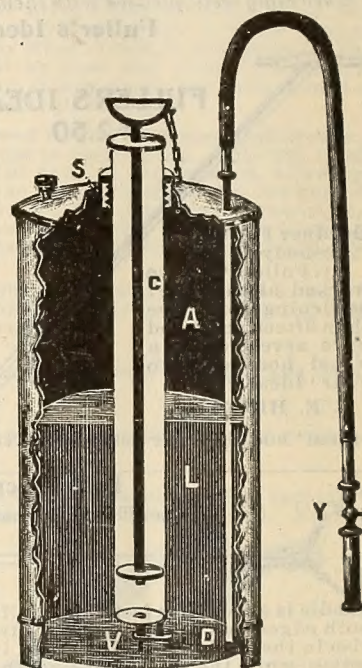
These shears are A1 in quality, over 500 pairs of them being used in the vineyards of Toledo, Ohio. But they are looked down upon by many because they are low-priced. When they were \$2.00 per pair they were excellent, but when they are 75 cts., they are a "poor thing." The fact is that no mechanic could improve their quality if he were paid \$10.00 per pair for them. Price, per express, 75 cts.; per mail, postpaid, 90 cts. Extra blades, 25 cts.; extra springs, 10 cts. For higher-cost shears we would recommend the Henry. (See Cut.) Price, per express, at purchaser's expense, \$1.25; per mail, \$1.40.

The Rochester Self Operating Sprayer.

This is an improvement over most portable sprayers in that it works automatically by compressed air, and as it can be carried along by the operator it reduces the operation of spraying to a pastime.

Directions. The sprayer is filled not more than two-thirds full by unscrewing and removing the Brass Air Pump (C) at point marked "S." The pump is then put back into position and the machine charged with compressed air by working the air-pump. The air enters the Sprayer through the valve (V) at bottom of pump, thoroughly agitating and mixing contents of Sprayer.

The machine is now ready for use; all the operator need do is open the stopcock (Y) and hold the nozzle to direct the spray. The compressed air, being powerful and elastic, forces the liquid out through the outlet pipe (D), making either a fine spray or a solid, continuous stream as desired. By slipping the steel ring over handle of air pump, operator can carry the machine from place to place. This size machine holds from 3 to 4 gallons, weighs 8 pounds. The body is made of Copper. Air pump is made of Brass, the valve (V) preventing liquid from entering pump or coming in contact with the plunger.



Price, per express, at purchaser's expense, \$5.00.

All sprayers need to be thoroughly cleaned immediately after using.

Onion or Mule Shears.**Onion Shears.**

bushels a day with them. 4½ inch blade. Price, per express, 40 cts.; per mail, postpaid, 50 cts.

These Shears are universally used among the large onion growers in Western Mass. for topping onions. We would advise our customers who raise onions to try these shears. One man has been known to top as high as 100

A Word of Advice.

We would advise all our customers to study carefully the bulletins sent out by our Agricultural College, giving advice where, how and when to use insecticides and destroyers of fungi. The various kinds of these enemies have so greatly increased of late years the knowledge how to destroy them is essential to successful farming. To take a single illustration, it has been found again and again by actual experiments made by farmers themselves, that on those parts of their orchards where Disparene was applied, the canker worm and apple worm were so effectively destroyed that the crop was more than doubled in value.

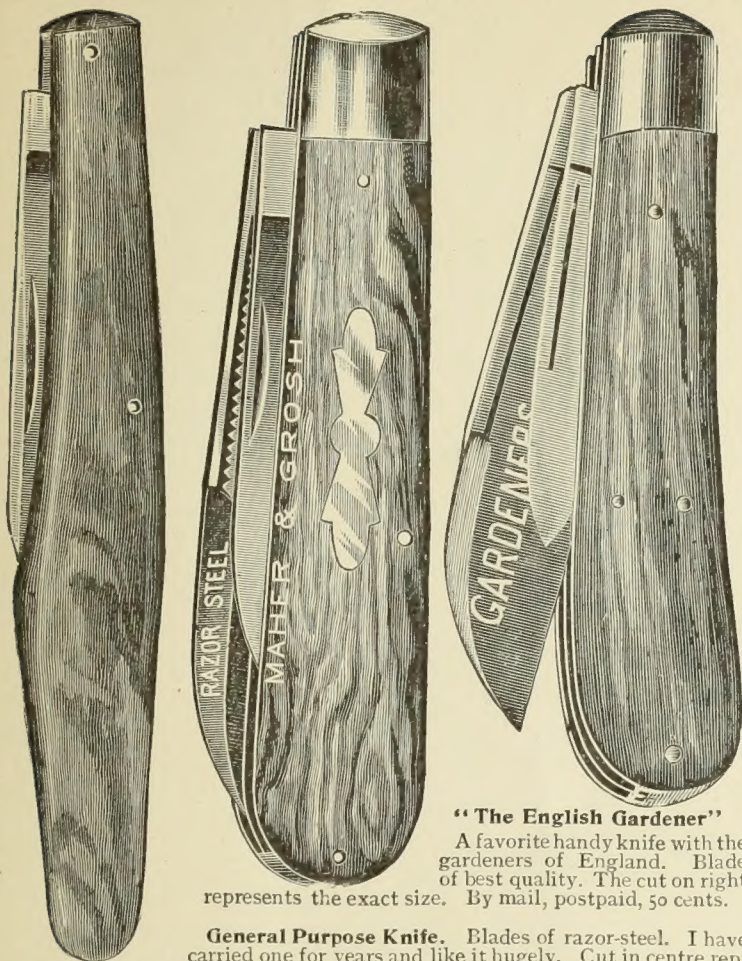
SUNDRY AGRICULTURAL REQUISITES.

Raffia. For tying up vegetables in bunches.....Per pound, postpaid, 40 cts.; per ½ pound, 12 cts.
Grafting Wax. A standard article.....Per pound, postpaid, 55 cts.; per ½ pound, 15 cts.; per pound, per express, 40 cts.

INSECTICIDES. Write for Prices in Quantity.

	Lb. Mail.	Lb. Exp.
Disparene. By universal testimony this is the king of all insect destroyers, for while it does no injury to the leaves it is fatal to every kind of insect. It needs but a single application, for it is not washed off by rains but will stick to the leaves throughout the season. For more details and prices see pages 2-6.....		
Powdered Hellebore. Good against the currant worm.....	\$0.40	\$0.25
Persian Insect Powder. Good against flies and cockroaches; first-class Insecticide.....	.50	.35
Hammond's Slug Shot. Good against insects on vegetables. 5-pound package, per express, 40 cts.....	.25	.10

Superior Knives.

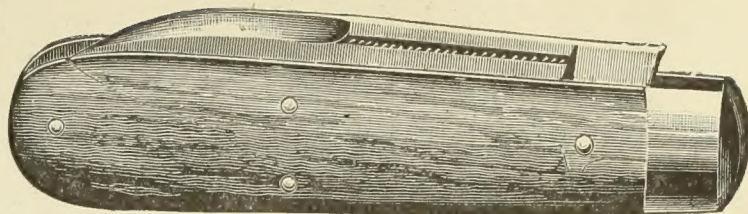


"The English Gardener"

A favorite handy knife with the gardeners of England. Blade of best quality. The cut on right represents the exact size. By mail, postpaid, 50 cents.

General Purpose Knife. Blades of razor-steel. I have carried one for years and like it hugely. Cut in centre represents exact size. Postpaid to any address on receipt of 50 cents.
Budding Knife. Cocoa handle, razor-steel blade. Cut on the left represents exact size. By mail, post paid, 35 cents.

Two-Bladed Boys' Knife.



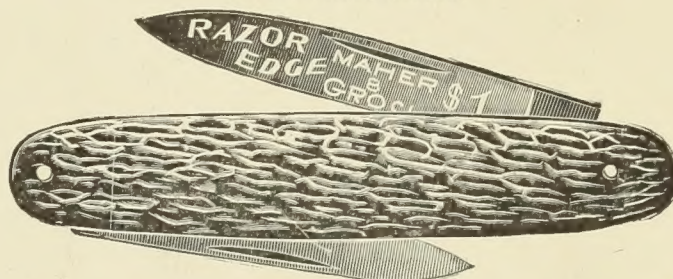
This makes a nice present for our boys. This is of razor-steel and therefore much superior to the common 25-cent knives in the market. Postpaid to any address on receipt of 35 cents.

Two-Bladed Ladies' Knives.

This is one of the prettiest and most popular of knives. It has an elegant pearl handle, and the blades are of the best quality of steel. By mail, postpaid, 45 cents.



Vest Pocket Knife.



As the above engraving shows, this is one of the handiest knives for the vest pocket. Being small in size, and with rounded ends, it can be both taken from and slipped back into the pocket very quickly. It has a blade on each side of the handle, which makes it always available. Like all our other knives, it comes ground, all ready for use. Price, per mail, postpaid, 45 cents.

CORN KNIFE.

When your feet ache so that you want to do something desperate you will wish you had this knife to trim your corns. The blade has a special curve for this work and is tempered very hard so as to hold a keen edge, and can be sharpened on any razor strop. Price, postpaid, 75c.

Lang's Hand Weeder.

This we find to be by actual trial a first-class labor-saver; it will save its cost in a day. The special advantage of this over all other weeders of this class is that it has a band which passes over the fingers, which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cents; by mail, postpaid, 30 cents.

**LANG'S
HAND
WEEDER**

**HANDIEST
TOOL**

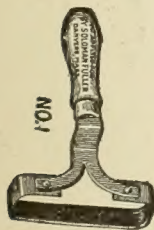


ON EARTH.

**30¢
By MAIL
PREPAID**

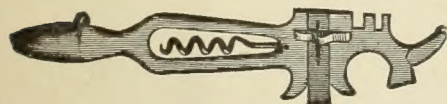
Fuller's Danvers Weeder.

This is a very strongly built tool; and has the advantage over other hand weeders, which are excellent in their several spheres, that, having a stouter handle, it can be more strongly grasped; and the cutting edge being broader, and the implement in every way stouter made, it can do better work in the thinning and weeding of many crops, especially in hard ground. Used edgewise, it will fairly cultivate the land between closely set crops in hotbeds or otherwise. Writes Mr. H. H. Jacobs: "For thinning cabbage, it beats everything." Says Mr. F. L. Newhall: "It gives me greater satisfaction than any other tool of the kind I have ever tried." Says Mr. C. F. Shillaber: "First-rate for onions and carrots; would not part with mine for five dollars." Price, postpaid, 40 cents; per express, 30 cents.



not part with mine for five dollars.

Combination Tool.



This tool, in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a cork-screw; will be mailed postpaid for 15 cents.

Grafting or Paring Knife.

Say the manufacturers: "This knife was made from a pattern given us by an old nurseryman, and we have never yet met a man who did not commend them after trying them. This is also in very general use as a paring knife and in steady demand for all round use in the kitchen." We regret that want of space prevents showing our customers a picture of this useful knife. Price, per mail, postpaid, 25 cents.

Hazeltine's Hand Weeder.

(One sixth full size.)

This is not only a good weeder and scraper, but with its point becomes a good implement for the thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil tempered, 7-8-inch wide, 1-8-inch thick, and is sharp on all its edges. Capital for weeding, thinning, and stirring the soil among onions, carrots, strawberries, etc. Price, per express, 25 cents; mail, postpaid, 30 cents.



Excelsior Weeder.

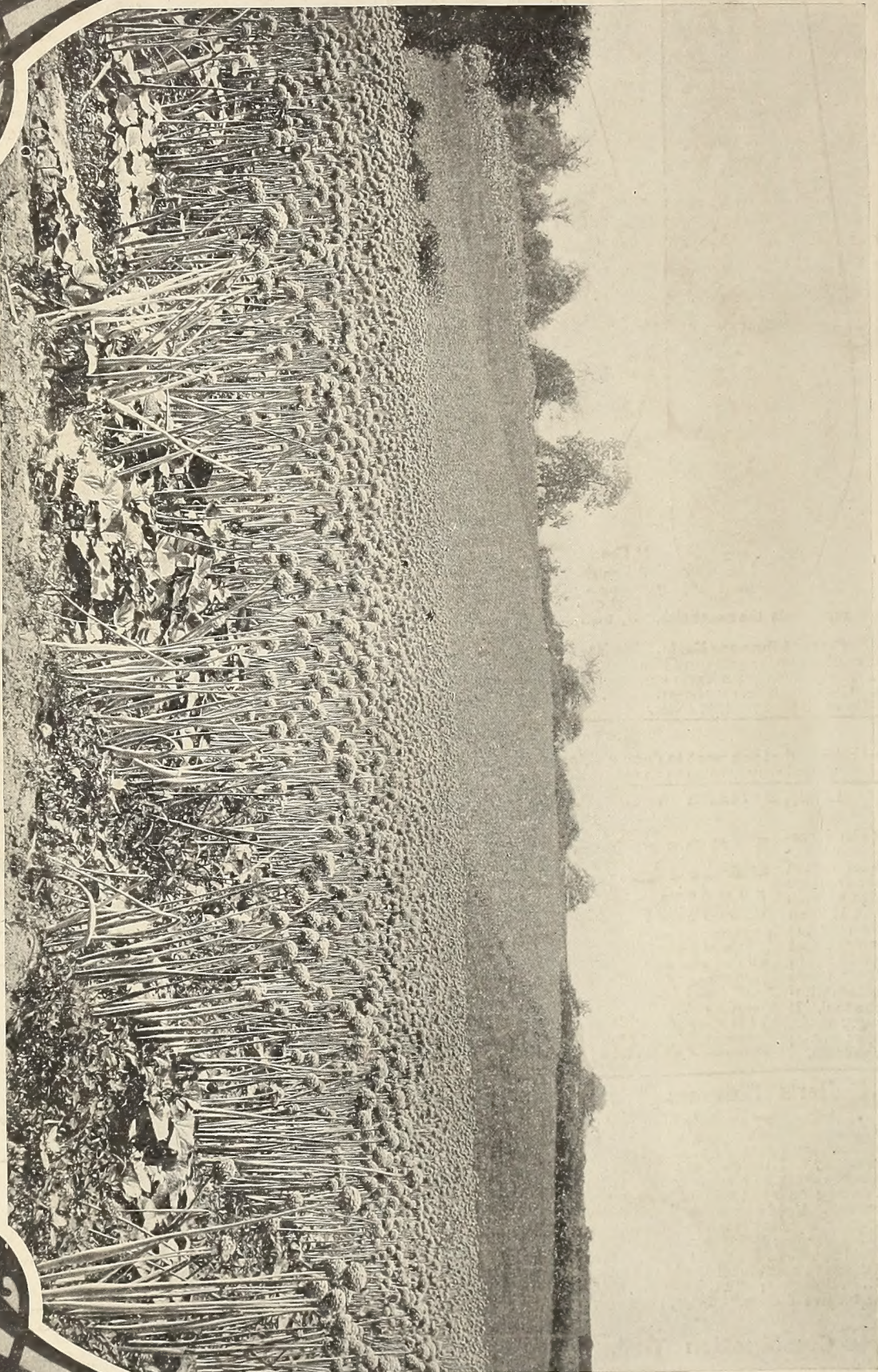
A handy and efficient tool in the flower and vegetable garden. To be used when weeds are small. By express, 15 cents; mail, 20 cents.



Glass Cutting and Glazing Tool.



Some of our workmen who use this implement find it cuts glass as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about equally as valuable, though it costs not one twentieth as much. One we have had in use for several years is now as good as ever. Sent postpaid for 12 cents.



PHOTOGRAPH OF CROP OF DANVERS GLOBE ONION SEED
GROWING ON OUR SEED FARM 1905
WITH VICKERY CUCUMBERS FOR SEED
GROWING BETWEEN THE ROWS